

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2285' FNL, 741' FWL (SW $\frac{1}{4}$ NW $\frac{1}{4}$ ) 21-9S-21E

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately Six (6) Miles Southeast of Ouray, Utah

16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

741'

16. NO. OF ACRES IN LEASE

1480

17. NO. OF ACRES ASSIGNED

TO THIS WELL  
80

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2200'±

19. PROPOSED DEPTH

6625' WSTC

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4837' GR

22. APPROX. DATE WORK WILL START\*

May 25, 1991

23.

(ALL NEW)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx Circ. to Surface *
7-7/8"	5-1/2" K-55	17.0#	0-6625'	545 sx Circ. to Surface *

\* Cement volumes may change due to hole size.  
Calculate from Caliper log.

RECEIVED  
MAR 06 1991

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF  
OIL, GAS & MINING

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #127, Federal Lease # UTU-0576. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond # CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Charles E. Mowry*  
Charles E. Mowry

TITLE

District Drilling Manager

DATE 02/26/91

(This space for Federal or State office use)

API

PERMIT NO.

43-047-31963

APPROVAL DATE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-12-91

BY: *JKR*

WELL SPACING: 615-2-3

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

\*See Instructions On Reverse Side

**T9S, R21E, S.L.B.&M.**

**COASTAL OIL & GAS CORP.**

Well location, COG NBU #127, located as shown in the SW 1/4 NW 1/4 of Section 21, T9S, R21E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NW CORNER OF SECTION 21, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4867 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Hay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 1-17-91
PARTY J.F. R.A. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE COASTAL OIL & GAS CORP.

S89°57'W - 79.90 (G.L.O.)

N0°03'W - G.L.O. (Basis of Bearings)  
2668.55' - (Measured)

N0°03'W - (G.L.O.)

N0°02'W - (G.L.O.)

N89°58'W - 80.04 (G.L.O.)

**COG NBU #127**  
Elev. Ungraded Ground - 4837'

**21**

Set Stone  
5/8" Rebar  
Uintah County  
Cap

2285'  
(COMP.)

S18°01'42"E  
2402.2'

Stone Marked  
(Not Set)  
5/8" Rebar  
Uintah County  
Cap

741'

▲ = SECTION CORNERS LOCATED.

COASTAL OIL & GAS CORPORATION  
Lease #UTU-0576, NBU #127  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 21, T9S, R21E  
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uinta	Surface	Wasatch	5010'
Green River	1386'	Total Depth	6625'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Wasatch	5010'	Gas (Primary Objective)
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If any shallow water zones are encountered, they will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 11" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Pressure gauge on choke manifold.

B. Pressure Rating: 2,000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

3. Pressure Control Equipment:

C. Testing Procedure: Continued

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Special Drilling Operations:

In addition to the equipment already specified in Items A through E, above, the following equipment will be in place and operational during air/gas drilling:

1. Properly lubricated and maintained rotating head.
2. Spark arresters on engines or water cooled exhaust.
3. Bloopie line discharge 100 feet from well bore and securely anchored.



3. Pressure Control Equipment:

F. Special Drilling Operations: Continued

4. Straight run on blooie line.
5. Deduster equipment (not required for aerated water system).
6. All cuttings and circulating medium(s) shall be directed into a reserve or blooie pit.
7. Float valve above bit.
8. Automatic igniter or continuous pilot light on the blooie line (not required for aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the well bore.
10. Mud circulating equipment, water, and mud materials (does not have to be pre-mixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

G. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller.

Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 100 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	24.0#	K-55	ST&C	0- 250'

4. The Proposed Casing and Cementing Program:

A. Casing Program - Continued

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
7-7/8"	5-1/2"	17.0#	K-55	LT&C	0-6625'

Casing string(s) will be pressure tested to 0.22 psi per foot, or 1500 psi (not to exceed 70% of the internal yield strength of the casing), whichever is greater, after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program

Surface Casing : Cement with approximately 180 sx Class "G" cement + additives, circulated to surface with 100% excess.

Production Casing : Lead with approximately 350 sx Halliburton Silica "Lite" cement with 4% Gel, 4% CaCl<sub>2</sub>, 0.3 % Halad-413 and 2.0#/sx Granulite TR; tail with approximately 195 sx Class "G" cement + additives. Cement will be circulated back to surface with 30% excess.

Actual cement volumes to be required will be determined from the caliper log.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-6625'	Aerated Water	-----	-----	-----

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

6. Evaluation Program:

Logs : DIL-Caliper : 6625' - Surface  
FDC-CNL : 6625' - 1500'

DST's : None anticipated.

Cores : None anticipated.

The proposed evaluation program may change at the discretion of the wellsite geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the Book Cliffs Resource Area Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer, Book Cliffs Resource Area Office, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078, Phone: (801) 789-1362.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 3,081 psi (calculated at 0.465 psi/foot) and maximum anticipated surface pressure equals approximately 1,623 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations:

A. Drilling Activity

Anticipated Commencement Date : May 25, 1991  
Drilling Days : Approximately 10 Days  
Completion Days : Approximately 7 days

B. Notification of Operations

The Book Cliffs Resource Area Office, Bureau of Land Management will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5);
2. initiating pressure tests of the blow-out preventer and related equipment;
3. running casing and cementing of ALL casing strings.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval of the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

Immediate Report: spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the provisions of NTL-3A or its current revision.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the Authorized Officer, and all conditions of this approved plan will be applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication no later than five (5) business days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the Authorized Officer, produced water may be temporarily disposed of into the reserve pit for a period of up to ninety (90) days. During this period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the Authorized Officer.

Pursuant to NTL-4A, lessees and operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of thirty (30) days or the production of fifty (50) MMCF of gas, whichever occurs first. An application must be filed with the Authorized Officer, and approval received, for any venting/flaring of gas beyond the initial thirty (30) day or otherwise authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the Vernal District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer.

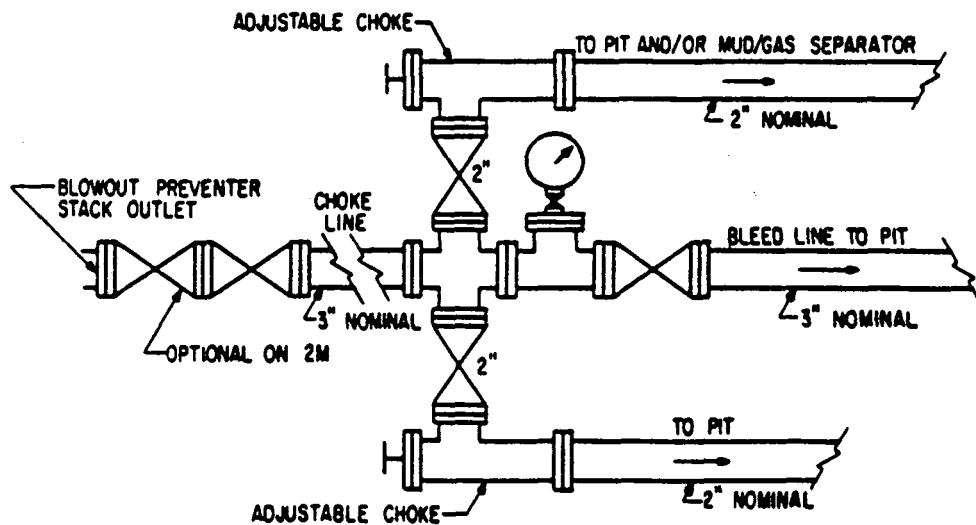
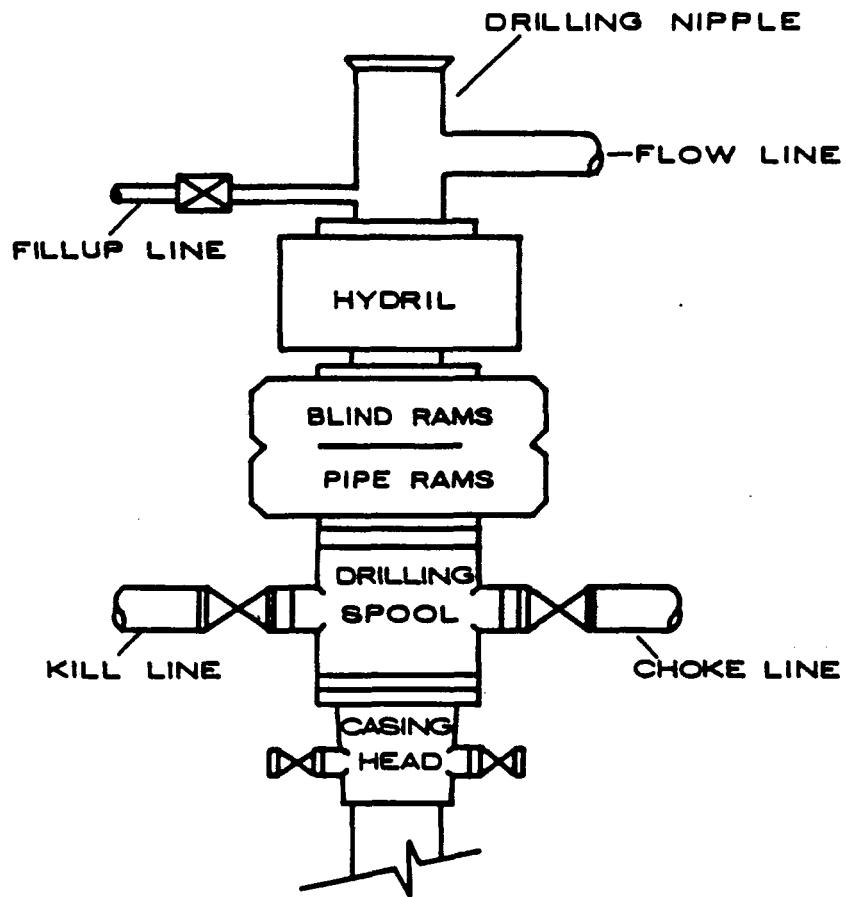
A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore. This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection. Final abandonment will not be approved until the surface reclamation work required by the approved Application for Permit to Drill has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Management Agency.

Pursuant to Onshore Operating Order #1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal and Indian lands.

## BOP STACK



COASTAL OIL & GAS CORPORATION  
Lease #UTU-0576, NBU #127  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 21, T9S, R21E  
Uintah County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" & "B" (shown in ORANGE)
  - A. The proposed well site is staked and four 200-foot reference stakes are present.
  - B. To reach the location from the town of Vernal, Utah; proceed generally southwest approximately 14.0 miles on U.S. Highway 40 (a paved U.S. highway), thence generally south approximately 17.0 miles on Utah Highway 88 (a paved state highway) to the town of Ouray, thence generally south approximately 6.9 miles on the Seep Ridge Road (an existing, upgraded Uintah County road), thence generally east approximately 5.0 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally northeast approximately 1.7 miles on the Mountain Fuel Pipeline Road (an existing, upgraded oilfield road - crowned & ditched with a gravel surface), thence generally north/northeast approximately 2.5 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally southwest approximately 1.3 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally south/southwest approximately 0.9 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence west approximately fifty (50) feet to the proposed NBU #127 well location.
  - C. Access roads - refer to Maps "A" and "B".
  - D. Access roads within a 1-mile radius - refer to Map "B".
  - E. The existing gravel roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the NBU #127 well location.
2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

Approximately 50 feet of new road construction will be required for access to the proposed NBU #127 well location.

  - A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched.



2. Planned Access Roads: Continued

- B. Construction standard - the access road will be constructed in accordance with Bureau of Land Management Rooding Guidelines established for oil and gas exploration and development activities as referenced in the BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

The access road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road.

Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at a frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 3%.  
D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.  
E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.  
F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.

2. Planned Access Roads: Continued

- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Indian Affairs. None anticipated at this time.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.
- J. The proposed access road has been centerline flagged.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - none known.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 16, T9S, R21E.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 16, T9S, R21E.  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 20, T9S, R21E.  
NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 20, T9S, R21E.  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 21, T9S, R21E.  
SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 21, T9S, R21E.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 16, T9S, R21E.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 16, T9S, R21E.  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 20, T9S, R21E.  
NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 20, T9S, R21E.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing - Continued

1. Tank batteries - NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 21, T9S, R21E.  
SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 21, T9S, R21E.
2. Production facilities - same as Item #4A1, above.
3. Oil gathering lines - none.
4. Gas gathering lines - same as Item #4A1, above.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the back-slope or top of the fill slope.
2. The production facilities (consisting primarily of a christmas tree at the well head, dehydration unit, and emergency pit) will require an area approximately 300' X 135'. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (on-site for six months or longer) above-the-ground structures constructed or installed including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Five (5) State Rocky Mountain Interagency Committee.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a 1-Mile Radius: Cont.

B. New Facilities Contemplated - Continued

4. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

The required paint color is Carlsbad Canyon, Munsell standard color number 2.5Y 6/2.

- C. The production (emergency) pit will be fenced with woven wire mesh topped with one (1) strand of barbed wire held in place with metal side posts and wooden corner "H" braces in order to protect livestock and wildlife. Please refer to Item #9E (page #'s 8 & 9) for additional information on the fencing specifications.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Bureau of Indian Affairs.

5. Location and Type of Water Supply:

- A. Fresh water for drilling will be obtained from an existing water well and reservoir: Uintah #1, owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 16, Township 10 South, Range 21 East, Uintah County, Utah; permit #49-991 (A57530).
- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed NBU #127 well location. No new construction will be required on/along the proposed water haul route.

Access roads which cross off-lease Tribal lands on/along the proposed water haul route will be authorized under a separate Right-of-Way Grant/Special Use Permit to be obtained from the Uintah and Ouray Ute Indian Tribes and/or the Bureau of Indian Affairs prior to commencement of operations, if required.

5. Location and Type of Water Supply: Continued

C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. Construction materials needed for surfacing of the well pad will be obtained from a local contractor having a permitted (private) source of materials in the area. Refer to Item #2G (page #3) regarding any construction materials which may be required on the access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve/blooiie pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve/blooiie pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Coastal Oil & Gas Corporation.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production.

7. Methods of Handling Waste Materials: Continued

- C. Produced fluids - during the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided by Rocket Sanitation for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. On the average, a minimum of twelve (12) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be one (1) trailer on location during drilling operations for the toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations. Refer to Item #4B2 (page #4) for additional information in this regard.
- D. The reserve pit will be lined with either native clay, commercial bentonite, or plastic sufficient to prevent seepage (12 mil). If a plastic-nylon reinforced liner is used, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

A flare/blooiie pit will be constructed adjacent to the location, west/southwest of and separate from the reserve pit, and at a minimum of thirty (30) feet from the reserve pit fence and one hundred (100) feet from the rig substructure (Refer to Figure #1 for the location of the flare/blooiie pit).

- E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:
  - 1. 30-inch net wire shall be used with at least one (1) strand of barbed wire on top of the net wire.

Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  - 2. The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least 42 inches.

9. Wellsite Layout: Continued

E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:

3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
4. Standard steel, wood, or pipe posts shall be used between the corner braces. maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The Ute Tribe will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.



10. Plans for Reclamation of the Surface:

A. Production - Continued

4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed therefrom. Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within 90 days from the date of well completion, weather permitting.
6. For production, the fill slopes will be reduced from a 1.5:1 slope to a 4:1 slope and the cut slopes will be reduced from a 1.5:1 slope to a 4:1 slope by pushing the fill material back up into the cut.
7. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to re-seeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces (including the access road and well pad areas) will be reseeded with a seed mixture to be recommended by the Bureau of Indian Affairs.

Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. If the seeding is unsuccessful, Coastal Oil & Gas Corporation may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Indian Affairs, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
  - (a) re-establishing irrigation systems where applicable,

10. Plans for Reclamation of the Surface:

B. Dry Hole/Abandoned Location - Continued

1. On lands administered by the Bureau of Indian Affairs, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
  - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
  - (c) ensuring revegetation of the disturbed areas to the specifications of the Uintah & Ouray Indian Tribes or the Bureau of Indian Affairs at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed in the fall following completion of reclamation operations. Please refer to Item #10A7 (page #10) for additional information regarding the reseeding operation.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands owned by the Uintah and Ouray Ute Indian Tribes and administered in trust by:

Bureau of Indian Affairs  
Uintah & Ouray Agency  
P.O. Box 130  
Fort Duchesne, Utah 84026  
Phone: (801) 722-2406

12. Other Information:

- A. General Description of the Project Area: The proposed drill site is located within the Natural Buttes Unit in an area of northeastern Utah and more specifically in an area of moderately eroded uplands located between the White River to the north (and east), Cottonwood Wash to the northeast, Molly's Nipple to the northwest, Willow Creek to the west, and Sand Wash to the southwest.

12. Other Information:

A. General Description of the Project Area: Continued

This area is classified as a "High Plains Steppe" (Cold Desert) and is characterized by gently to moderately undulated uplands dissected by numerous dendritically-patterned, ephemeral drainages of both the Green and White Rivers. Generally, local flora consists of native grasses such as salt grass, galleta grass, needle-and-thread grass, Indian ricegrass; and woody species such as shadscale, horsebrush, black sagebrush, fringe sagebrush, big sagebrush, rabbitbrush, and greasewood along the dry drainages. Local fauna consists of mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

There are no known threatened or endangered species that will be affected by implementation of operations on the proposed NBU #127 well location.

B. Surface Use Activities: The primary surface use is for grazing.

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:

1. The closest source of permanent water is the White River, located approximately 3.5 miles to the north.
2. The closest occupied dwellings are located in the town of Ouray, approximately 6.0 miles to north-west.
3. A cultural resource clearance will be conducted before any construction activities begin on the proposed NBU #127 well location. If, during operations, any archaeological or historical sites, or any object(s) of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Bureau of Indian Affairs.

Coastal Oil & Gas Corporation will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

3. If historic or archaeological materials are uncovered, Coastal Oil & Gas Corporation will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer.

Within five (5) working days the Authorized Officer will inform Coastal Oil & Gas Corporation as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If Coastal Oil & Gas Corporation wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, Coastal Oil & Gas Corporation will be responsible for mitigation costs.

The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Coastal Oil & Gas Corporation will then be allowed to resume construction.

12. Other Information: Continued

D. Additional Stipulations for Operations on Lands  
Administered by the Bureau of Indian Affairs:

1. An archaeologist, approved by the Uintah & Ouray Ute Indian Tribes, will monitor construction of the access road and drill pad on the proposed NBU #127 well location.
2. If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the Bureau of Indian Affairs before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.
3. All roads constructed by oil and gas operators on the Uintah & Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state:
  - (a) that the land is owned by the Uintah & Ouray Indian tribes,
  - (b) the name of the Operator,
  - (c) that firearms are prohibited by all non-Tribal members,
  - (d) that permits must be obtained from the Bureau of Indian Affairs before cutting firewood or other timber products, and
  - (e) only authorized personnel are permitted to use said road.
4. All well site locations on the Uintah & Ouray Indian Reservation will have an appropriate sign indicating the name of the Operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, section, township, and range).

12. Other Information:

D. Additional Stipulations for Operations on Lands  
Administered by the Bureau of Indian Affairs: Continued

5. Coastal Oil & Gas Corporation shall contact the Bureau of Land Management and the Bureau of Indian Affairs between 24 and 48 hours prior to commencement of construction activities. BLM: (801) 789-1362; BIA: (801) 722-2406.
6. The BLM and BIA offices shall be notified upon site completion and prior to moving drilling tools onto the location.
7. Coastal Oil & Gas Corporation will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the Bureau of Indian Affairs, or the Uintah County Extension Office. On lands administered by the Bureau of Indian Affairs, it is required that a "Pesticide Use Proposal" shall be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds.

13. Lessee's or Operator's Representative and Certification:

Representative

Coastal Oil & Gas Corporation  
Randy L. Bartley, Operations Manager  
P.O. Box 749  
Denver, Colorado 80201-0749  
Phone: (303) 572-1121

Heitzman Drill-Site Services\*  
Dale Heitzman and/or Robert M. Anderson  
P.O. Drawer 3579  
Casper, Wyoming 82602  
Phone: (307) 266-4840

- \* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

13. Lessee's or Operator's Representative and Certification:

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Coastal Oil & Gas Corporation will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Coastal Oil & Gas Corporation, its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

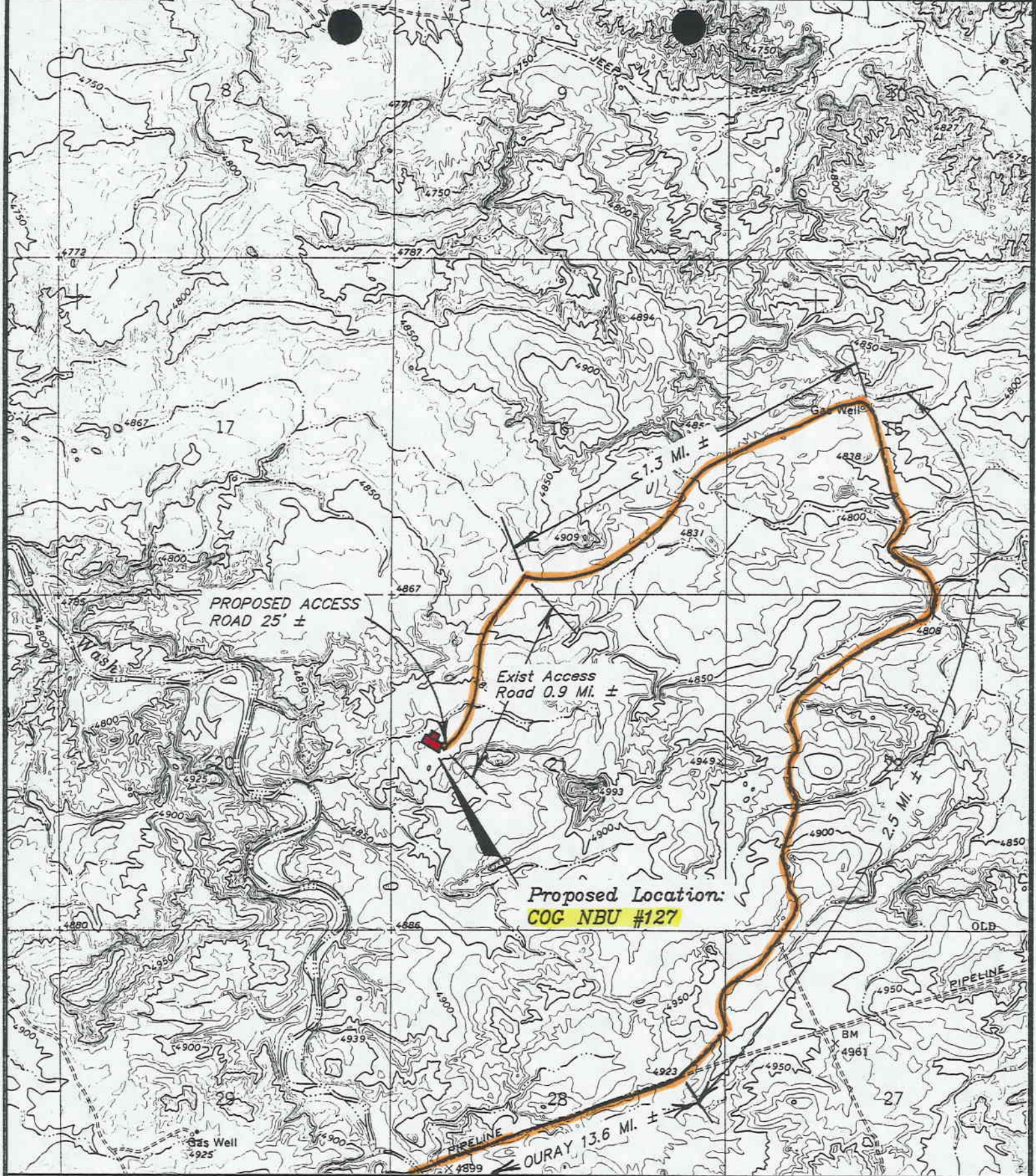
27 February 1991  
Date

  
Robert M. Anderson/Authorized Agent



SECTION 21, T9S, R21E, S.L.B.&M.





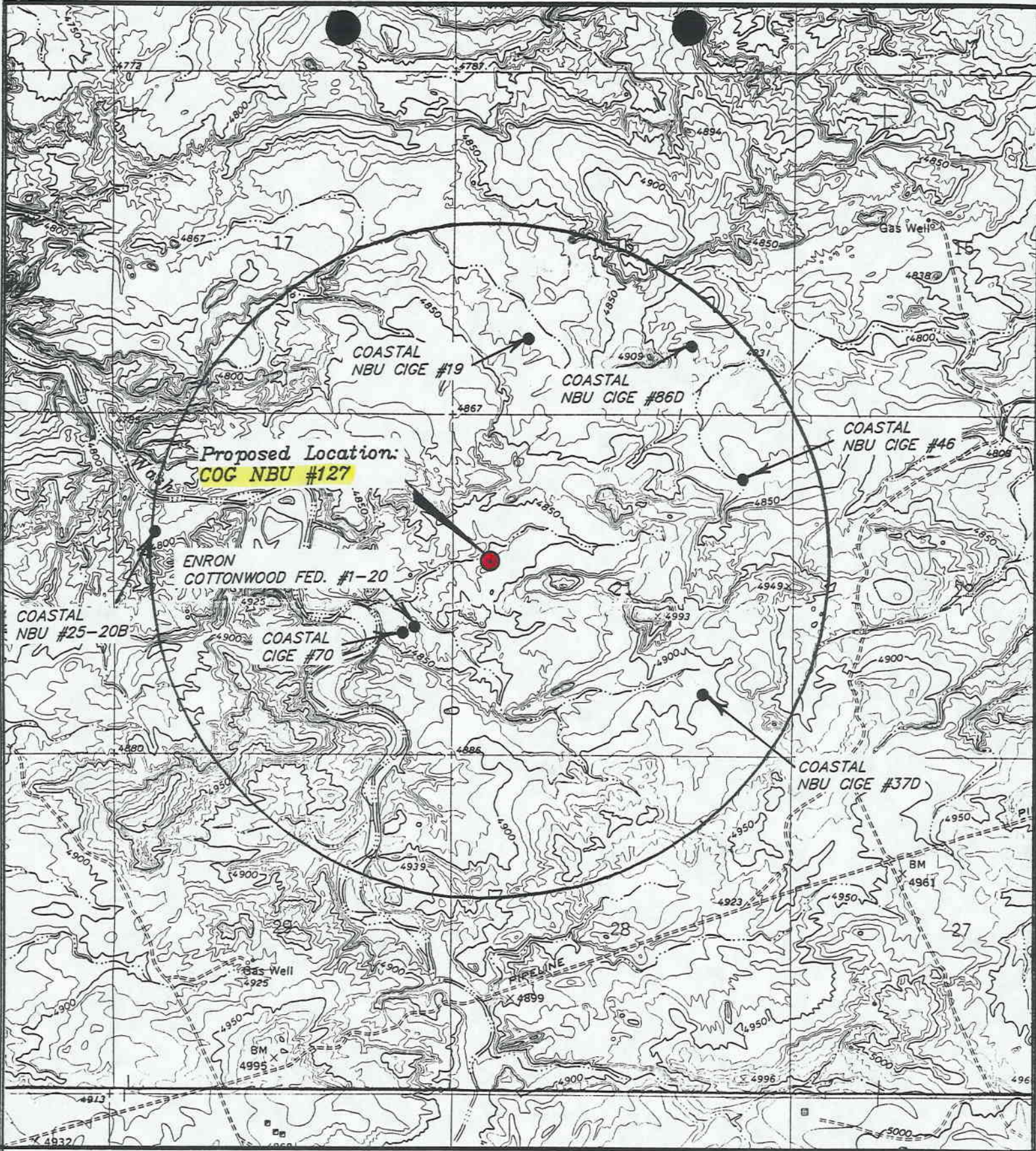
TOPOGRAPHIC  
MAP "B"  
SCALE: 1" = 2000'  
DATE 1-7-91



COASTAL OIL & GAS CORP.

COG NBU #127  
SECTION 21, T9S, R21E, S.L.B.&M.





**LEGEND:**

- ⊗ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ⊘ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



**COASTAL OIL & GAS CORP.**

COG NBU #127  
 SECTION 21, T9S, R21E, S.L.B.&M.  
 T O P O M A P " C "

DATE: 1-12-91

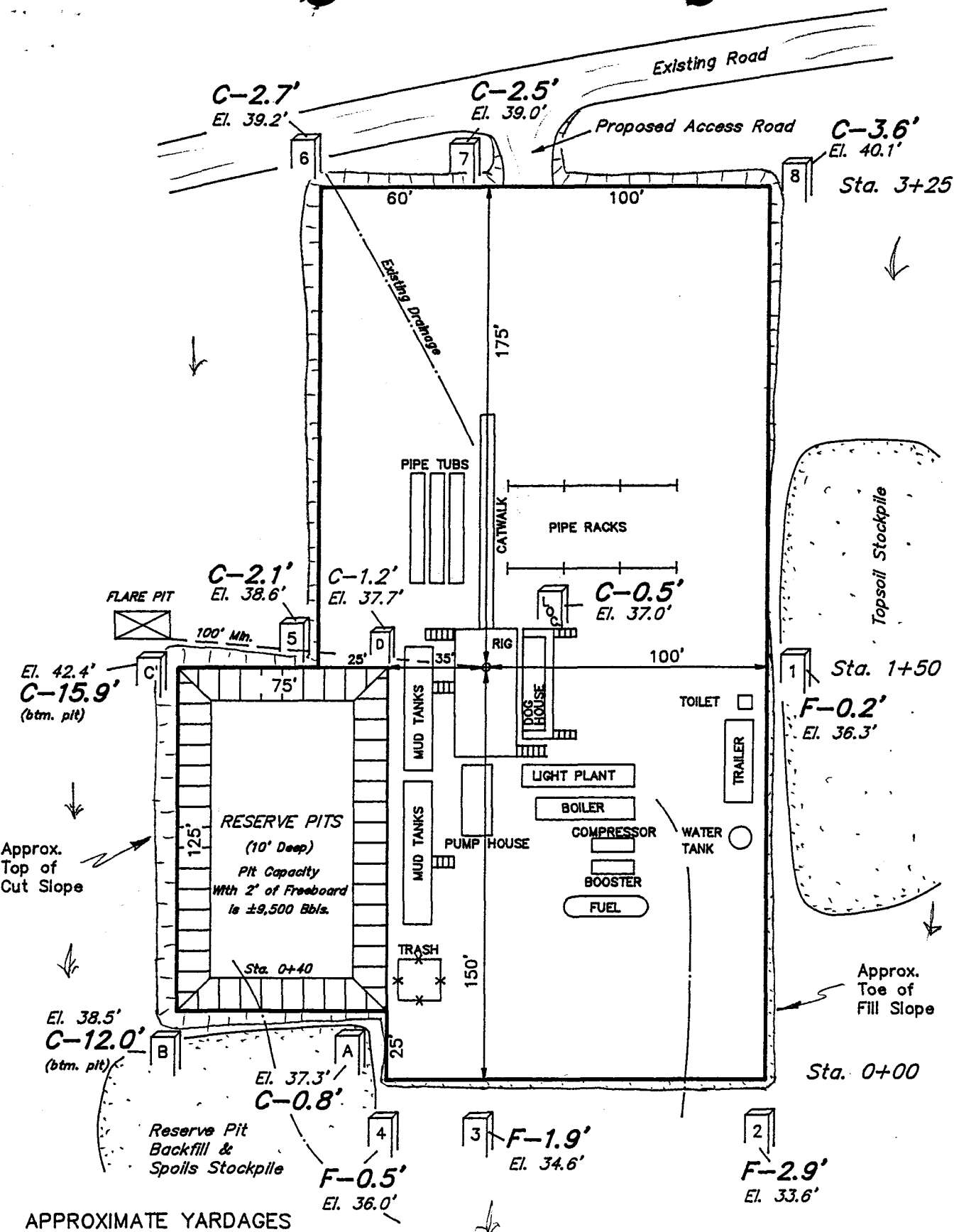


# COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR

NBU #127

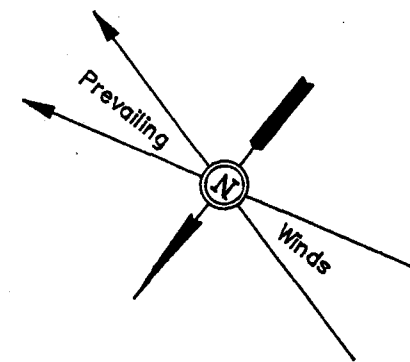
SECTION 21, T9S, R21E, S.L.B.&M.



## APPROXIMATE YARDAGES

CUT (12") Topsoil Stripping	= 2,130 Cu. Yds.
Remaining Location	= 4,140 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,270 CU.YDS.</b>
<b>FILL</b>	<b>= 1,680 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,500 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,350 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,150 Cu. Yds.

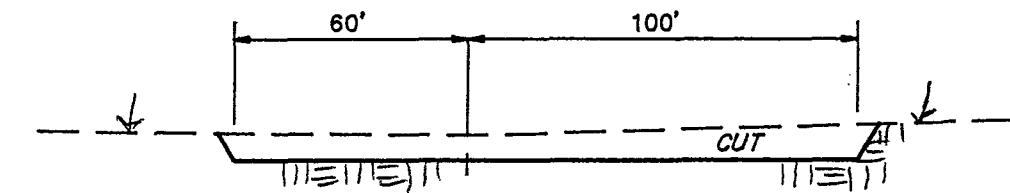


SCALE: 1" = 50'  
DATE: 1-1-91  
Drawn By: J.R.S.

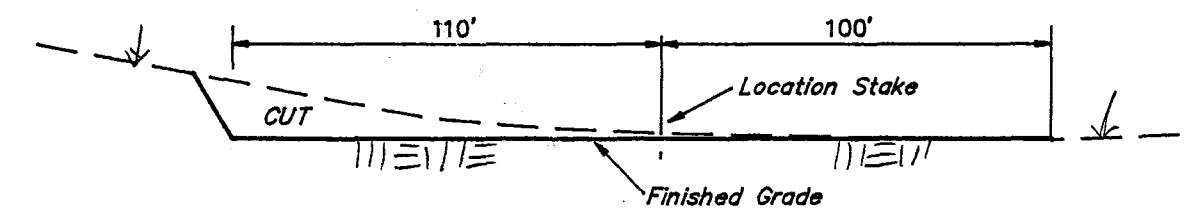
X-Section  
Scale  
1" = 50'

TYP. LOCATION LAYOUT

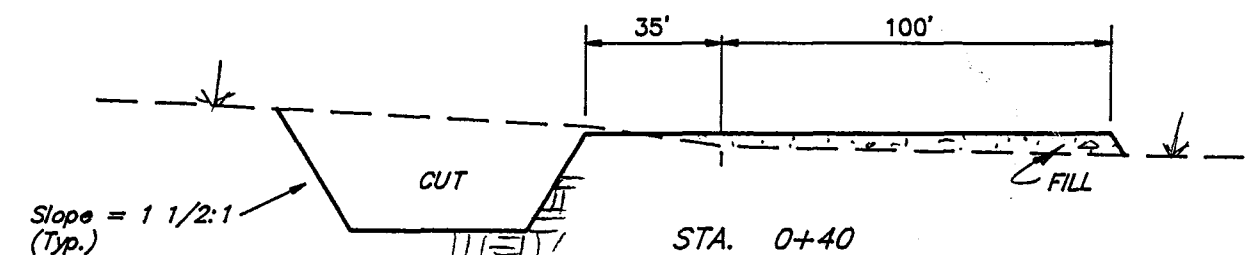
TYP. CROSS SECTIONS



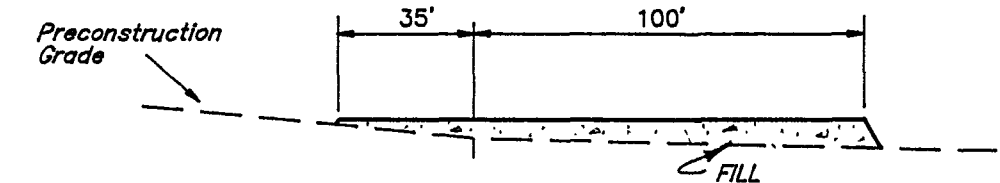
STA. 3+25



STA. 1+50



STA. 0+40



STA. 0+00

## NOTES:

Elev. Ungraded Ground At Loc. Stake = 4837.0'

FINISHED GRADE ELEV. AT LOC. STAKE = 4836.5'

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East Vernal, Utah

OPERATOR Coastal Oil & Gas Corp N 0030 DATE 3-11-91

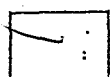
WELL NAME NBU 107

SEC S11W 01 T 9S R 01E COUNTY Uintah

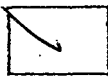
43-047-31963  
API NUMBER

Individual (1)  
TYPE OF LEASE

CHECK OFF:



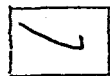
PLAT.



BOND



NEAREST  
WELL



LEASE



FIELD  
SLBM



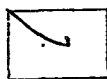
POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

Included in 1991 POD approved 10-20-90.  
Water Permit 49-991 (A57530) target ducking  
Oil shale area

APPROVAL LETTER:

SPACING:



R615-2-3

Natural Buttes  
UNIT



R515-3-2



N/A  
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

1- Oil shale



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 12, 1991

Coastal Oil & Gas Corporation  
P. O. Box 749  
Denver, Colorado 80201-0749

Gentlemen:

Re: NBU 127 Well, 2285 feet from the North line, 741 feet from the West line, SW NW, Section 21, Township 9 South, Range 21 East, Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Code Ann. Section 40-6-18, et seq. (1953, as amended), and Utah Admin. R.615-2-3, subject to the following stipulation:

1. Special attention is directed to compliance with Utah Admin. R.615-3-34, which prescribes drilling procedures for designated oil shale areas.

In addition, the following actions are necessary to fully comply with this approval:

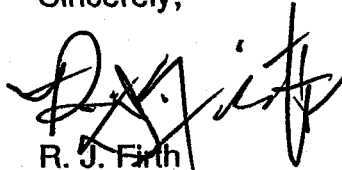
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.

Page 2  
Coastal Oil & Gas Corporation  
NBU 127  
March 12, 1991

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31963.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-28

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation #4304731963

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2285' FNL, 741' FWL (SW $\frac{1}{4}$ NW $\frac{1}{4}$ ) 21-9S-21E

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately Six (6) Miles Southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

741'

16. NO. OF ACRES IN LEASE

1480

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2200'±

19. PROPOSED DEPTH

6625'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4837' GR

22. APPROX. DATE WORK WILL START\*

May 25, 1991

23.

(ALL NEW)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24.0#	0- 250'	180 sx Circ. to Surface *
7-7/8"	5-1/2" K-55	17.0#	0-6625'	545 sx Circ. to Surface *

\* Cement volumes may change due to hole size.  
Calculate from Caliper log.

FEB 14 1992

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF  
OIL GAS & MINING

MAR 1991

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU #127, Federal Lease # UTU-0576. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond # CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Charles E. Mowry

TITLE District Drilling Manager

DATE 02/26/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

TITLE

ASSISTANT DISTRICT  
MANAGER MINERALS

DATE FEB 11 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## **CONDITION OF APPROVAL**

The Interior Board of Land Appeals (IBLA) has ruled that the decision to approve an APD may be appealed under 43 CFR Part 4.21(a), by adversely affected parties. These appeal rights are further modified by 43 CFR Part 3165.3(b) which makes the decision, if contested, first subject to a State Director Review.

A Plan Conformance/NEPA Compliance Record has been completed on this Application for Permit to Drill (APD).

If the decision to approve the APD is contested under 43 CFR Part 3165.3(b), the operator will be immediately notified that no further action can be taken (unless otherwise directed by the authorized officer for protection of surface and subsurface resources) and cannot be resumed until the State Director has issued a decision on the Review. If the State Director rules favorably, the operator may be authorized to resume activities, but must recognize there is still the risk under 43 CFR Part 4.21(a) of an appeal to IBLA.

Any adversely affected party who contests a decision of the Authorized Officer may request an administrative review before the State Director. Such requests, including all supporting documentation, shall be filed with the appropriate State Director within twenty (20) business days from the date such decision was considered received. Upon request and showing good cause, an extension for submitting supporting data may be granted by the State Director. Requests for administrative review should be sent to: State Director, Bureau of Land Management, Utah State Office, P.O. Box 45155, Salt Lake City, Utah 84145-0155.



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: NBU 127

Lease Number: U-0576

Location: SWNW Sec. 21 T. 9S R. 21E

Surface Ownership: Tribal Lands administered by BIA

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm$  1340 ft.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be

allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for the production casing.

6. Notification of Operations

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka      (801) 781-1190  
Petroleum Engineer

Ed Forsman              (801) 789-7077  
Petroleum Engineer

BLM FAX Machine      (801) 789-3634

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

B. SURFACE USE PROGRAM

1. Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

2. BIA Mitigation Stipulations

A BIA approved archaeologist will be present during construction of the well site. The reserve pit will be lined. As soon as possible after the well is drilled fluids will be removed from the pit and will be disposed of at an approved disposal are. The remaining contents will be allowed to dry out and the liner will be folded over to envelope the contents of the pit within the liner. The pit will be backfilled.

Further Metcalf Archaeologic al Consultants recommend that the access and pad construction activities should be kept as close as possible to the existing road so that no cultural resources will be impacted pursuant to their report dated February 1991.

Upon completion of construction, please submit an Affidavit of Completion with accompanying Certification so that BIA may record all pertinent documents at the Southwest Title Plant in Albuquerque, New Mexico.

If you have any questions regarding said right-of-way, you may contact Mr. Roland McCook, Realty Officer or Norman Cambridge, Realty Specialist at (801) 722-2406 Ext. 48/46.

## memorandum

FEB 6 1992

DATE:

REPLY TO  
ATTN OF:

Superintendent, Uintah &amp; Ouray Agency

SUBJECT:

Concurrence Letter for Coastal Oil & Gas Company ROW-H62-91-70,  
NBU #127, SW1/4NW1/4 Section 21, T.9 S., R.21 E., S.L.B. & M.

TO:

Bureau of Land Management, Vernal District Office  
Attention: Mr. Paul Andrews, Area Manager

We recommend approval of the Application for Permit to Drill on the subject well.

Based on available information received on February 6, 1992, we have cleared the proposed location in the following area of environmental impact.

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Listed threatened or endangered species
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Critical wildlife habitat
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Archeological or cultural resources
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other (if necessary)

## REMARKS: Environmental Analysis-6. MITIGATION STIPULATIONS

1. A BIA approved archeologist will be present during construction of the well site. The reserve pit will be lined. As soon as possible after the well is drilled fluids will be removed from the pit and will be disposed of at an approved disposal area. The remaining contents will be allowed to dry out and the liner will be folded over to envelope the contents of the pit within the liner. The pit will be backfilled.

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If you have any question regarding said right-of-way, you may contact Mr. Roland McCook, Realty Officer or Norman Cambridge, Realty Specialist at (801) 722-2406 Ext. 48/46.

Sincerely,

*Paul Andrews*  
Superintendent.



GRANT OF EASEMENT FOR RIGHT-OF-WAY

KNOW ALL MEN BY THESE PRESENTS:

That the UNITED STATES OF AMERICA, as trustee for the UTE INDIAN TRIBE acting by and through the Superintendent of the Uintah and Ouray Agency, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R. 637), 230 DM 3 (20 F.R. 992), and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (25 U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations, in consideration of: Two Thousand Seven Hundred Twenty-Nine Dollars AND Fifty Cents, \$2,729.50, (20) year lump sum fee, the receipt of which is acknowledged does hereby grant to: Coastal Oil & Gas Corporation., 600-17th Street, 800-S., Denver, Colo. 80202 its successors and assigns, hereinafter referred to as Grantee", an easement for right-of-way : 2.06 acres for a drillsite located in SW1/4NW1/4 Section 21, T. 9S., R. 21E., SLB&M., for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of a Drillsite for NBU# 127 location together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with the right of ingress and egress for the purpose described above for which said easement is granted. This easement is subject to any prior existing right or adverse claim and is for a 20 year period beginning February 5, 1992, so long as said easement shall actually be used for the purposes above specified. Rentals may be increased at five (5) year intervals if necessary to reflect then existing market prices. This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure of the Grantee within said notice period to correct the basis of termination. (25 CFR 169:20)

A. Failure to comply with any term or condition of the grant or the applicable regulations.

B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.

The conditions of this easement shall extend to and be binding upon and shall inure to the benefit of the successors and assigns of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement this 6<sup>th</sup> day of February 1992.

UNITED STATES OF AMERICA

By: [Signature]  
Superintendent act  
U.S. Department of the Interior  
Uintah and Ouray Agency





DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL 43-047-31963

WELL NAME: NBU 127

Section 21 Township 9S Range 21E County UINTAH

Drilling Contractor CHANDLER

Rig # 1

SPUDDED: Date 2-24-92

Time 9:30 AM

How DRY HOLE

Drilling will commence

Reported by DOUG (LEON ROSS)

Telephone # 722-4469

Date 2-24-92 SIGNED CAK

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation  
ADDRESS P. O. Box 749  
Denver, CO 80201-0749

OPERATOR ACCT. NO. N 0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	2900	→	43-047-31946	NBU #106	NESW	21	9S	21E	Uintah	2/20/92	2/20/92
WELL 1 COMMENTS: <i>Federal Lease Prop. Zone - WSTC</i> <i>Field - Natural Buttes Entity added 3-9-92. JG</i> <i>Unit - Natural Buttes</i>											
B	2900	→	43-047-31963	NBU #127	SWNW	21	9S	21E	Uintah	2/24/92	2/24/92
WELL 2 COMMENTS: <i>Federal Lease Prop. Zone - WSTC</i> <i>Field - Natural Buttes Entity added 3-9-92. JG</i> <i>Unit - Natural Buttes</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

**RECEIVED**

MAR 04 1992

DIVISION OF  
OIL, GAS & MINING

*Eileen Danni Dey*  
Signature Eileen Danni Dey  
Regulatory Analyst 2/27/92  
Title Date  
Phone No. (303) 573-4476

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2285' FNL & 741' FWL (SW/NW)  
Section 21, T9S-R21E

5. Lease Designation and Serial No.

UTU-0576

6. If Indian, Allottee or Tribe Name

Ute Tribe

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #127

9. API Well No.

43-047-31963

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Report of Spud

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Leon Ross Drilling, Inc. Spudded surface hole @ 10:00 a.m., 2/24/92. Drilled 12-1/4" hole to 255' GL. Ran 6 joints 8-5/8", 24#, K-55, 8rd ST&C casing and set @ 264' KB. Cemented w/Howco 150 sx Premium Plus AG with additives.

**RECEIVED**

MAR 04 1992

**DIVISION OF  
OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed Elton Danna Day Title Regulatory Analyst

Date 2/27/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-0576
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name Ute Tribe
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2285' FNL & 741' FWL (SW/NW) Section 21, T9S-R21E	8. Well Name and No. NBU #127
	9. API Well No. 43-047-31963
	10. Field and Pool, or Exploratory Area Natural Buttes
	11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Report of Operations
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the drilling operations performed on the above referenced well.

RECEIVED

MAR 25 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed Eileen Deane Day Title Regulatory Analyst Date 3/20/92  
(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #127  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CHANDLER #1  
WI: 100% COGC AFE: 13401  
ATD: 6625' (Wasatch) SD: 3/8/92  
CSG: 8-5/8" @ 264'; 5 1/2" @ 6623'  
DHC(MS): 168.0

2/27/92 Spudded well @ 10:00 a.m., 2/24/92 w/Leon Ross Drlg Co. Drill 12-1/4" hole to 255' GL. RIH w/6 jts 8-5/8", K-55, 8rd, ST&C, 24# (tally 253.62'). Set at 264' KB. Cmt w/Howco: 150 sx Prem plug AG, 2% CaCl<sub>2</sub>, 1/4#/sk Flocele. Displace w/14 1/2 BW. Circ 6 bbls to pit. Ran 3 centralizers. CC: \$31,212.

3/6/92 264' RURT's. MIRU Chandler rig #1. Inspecting DP. Expect to spud Sunday, 3/8/92. CC: \$31,212.

3/7/92 MI RURT.

3/8/92 264' Drlg cmt and shoe. MI RURT. NU BOPE. Test BOPE to 2000#, Hydril and csg to 1500#. Repair fuel line, PU BHA. Install rot hd, tag cmt at 221'. Drlg cmt and shoe. CC: \$35,098.

3/9/92 809' TIH 545'/9 hrs. Drlg cmt and shoe. Svys: 1/2 deg @ 278'; 1 deg @ 768'. RS and check BOP. Drlg, chg rot hd rbr. Drop 5' bar down hole. Work past junk and TOH. WO fishing tools. PU overshot w/1" grapple. TIH, fish for bar. TOH. Rec 58" of bar. PU magnet. TIH, work magnet. Rec remainder of bar. Load out fishing tools. TIH w/bit. Boiler 24 hrs. Drlg w/air mist, 1000 CFM, 300 psi. CC: \$42,900.

3/10/92 2220' Drlg 1411'/20.5 hrs. TIH, drlg, RS. Drlg, svys: 1 deg @ 1230'; 3/4 deg @ 1725'. Replace rot hd rbr. Drlg, switch to aerated wtr. 24 hrs boiler. 850 CFM. CC: \$65,208.

3/11/92 3200' Drlg 980'/22 hrs. Drlg, svys: 1-3/4 deg @ 2220'; misrun at 2752'; 1-3/4 deg @ 2783'. 24 hrs boiler. Drlg w/DAP wtr. CC: \$82,298.

3/12/92 4070' Drlg 870'/22.5 hrs. Drlg, svys: 1-1/4 deg @ 3260'; 1-1/2 deg @ 3750'. Drlg w/aerated wtr. MW 8.4, VIS 26, 400 SCFM. CC: \$97,822.

3/13/92 4955' Drlg 885'/23 hrs. Drlg w/aerated wtr. Svys: 1-1/2 deg @ 4242'; 1-3/4 deg @ 4734'. Check BOP, RS. Drlg w/aerated wtr. Boiler 24 hrs. MW 8.4, VIS 26, 400 SCFM. CC: \$114,610.

3/14/92 5402' Drlg 447'/15 hrs. Drlg, Svys: 1-3/4 deg @ 4734'; 1-3/4 deg @ 5006'. TFNB. RS, TIH. Work junk on btm buttons. Drlg, work on reserve pit pump. Drlg w/DAP wtr, MW 8.4, VIS 26. Boiler 8 hrs. CC: \$122,498.

3/15/92 6085' Drlg 683'/23 hrs. Drlg, replace rot hd rbr. Svy: 1-1/2 deg @ 5527'. Aerated DAP wtr, MW 8.4, VIS 26. CC: \$136,062.

3/16/92 6625' Short trip for logs. 540'/20.5 hrs. Drlg, svy: 2 deg @ 6141'. Check BOP. RS, drlg, circ. Short trip 20 stds. Drlg breaks from 6122'-6146' and 6150'-6160'. Drlg w/wtr. MW 8.4, VIS 26, no air. CC: \$143,224.

3/17/92 6625' Running csg. Finish 20 stds ST. Circ for logs. Displace w/400 bbls 10# brine. Svy: 2 deg @ 6625'. SLM out, no corr. Log by HLS. Logger's TD at 6631'. Ran DLL from 6614'-250'; CDL-Neut from 6586'-2800'. TIH, RU LD machine. LD DP and DC's. RU csg crew and run 5-1/2" csg. TD hole at 3:00 a.m., 3/16/92. 10# brine. CC: \$156,176.

3/18/92 6625' RDRT and move. run 157 jts 5-1/2" 17# J-55 LT&C w/flag jt at 6623'. Tally run 6642.68'. RU Halliburton and wash 15' to btm w/csg. Cement as follows: pump 30 BSF, 425 sx Hi-Fill V w/1#/sx Capseal, 0.3% HR-7 and 600 sx Class H 50-50 Poz cmt w/2% gel, 10% salt, 0.6% Halad 24, 0.2% CFR-3 and 1#/sx Capseal and 1/4#/sx Flocele. Had full returns throughout job and circulated 104 sx cmt to surf. Floats held. Bump plug to 2200 psi (700 psi over). Set 5-1/2" slips w/102,000 as cemented. ND BOP and cut off csg. Clean mud pits. RR @ 8:00 p.m., 3/17/92. CC: \$229,545. FINAL DRILLING REPORT.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OIL GAS & MINING

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Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other NTL 2B; IV

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion and Recompletion Report and Log form 1)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL-2B, IV, for the subject wells.

- 1) These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have cement corner posts per BLM specifications. (See the attached typical facilities diagram.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500'.

14. I hereby certify that the foregoing is true and correct

Signed

Title Regulatory Analyst

4/14/92

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

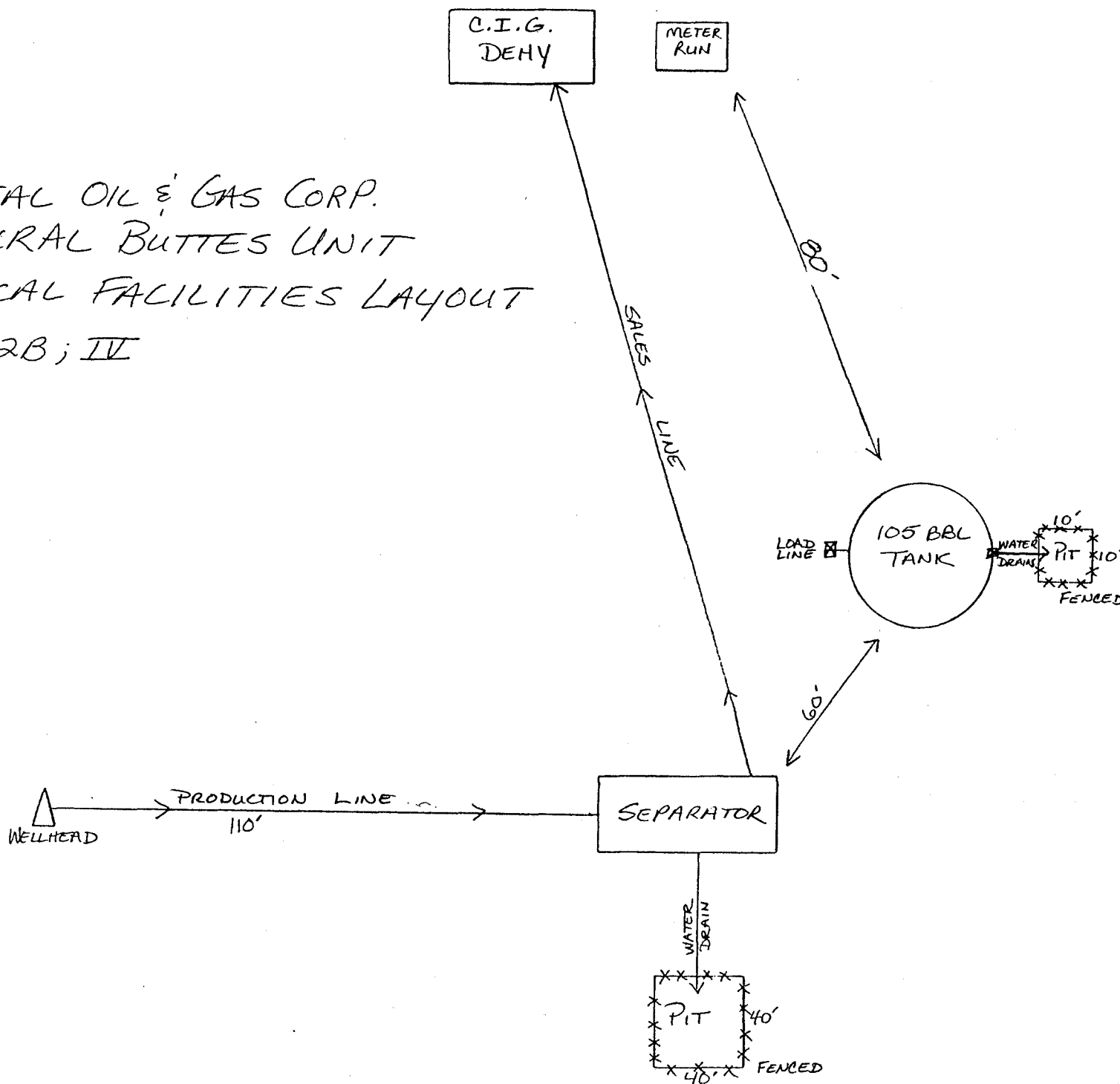
Date: 4-29-92

BY: [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

COASTAL OIL & GAS CORP.  
NATURAL BUTTES UNIT  
TYPICAL FACILITIES LAYOUT  
NTL-2B; IV



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #103	SENE	10	9	21		U-0141315	UTE	43-047-31956
NBU #104	SENE	16	9	21		ST ML-3282	UTE	43-047-31957
NBU #105	SWSW	17	9	21		U-0575	UTE	43-047-31955
NBU #106	NESW	21	9	21		U-0576	UTE	43-047-31946
NBU #107	SENE	26	9	21		ST ML-01194	STATE	43-047-31916
NBU #108	SESE	19	9	22		U-0284	UTE	43-047-31958
NBU #109	SENE	27	9	21		ST U-01194-A	STATE	43-047-31917
NBU #110	NENE	28	9	21		U-0576	FED.	43-047-31924
NBU #111	SWNW	25	9	21		ST U-01194	STATE	43-047-31920
NBU #112	SESE	33	9	22		U-01191	FED.	43-047-31930
NBU #113	SESE	34	9	22		U-0149077	FED.	43-047-31931
NBU #114	SWSW	5	10	21		U-01393-D	FED.	43-047-31923
NBU #115	NENW	10	10	21		U-0149079	FED.	43-047-31929
NBU #116	NWNW	6	10	22		U-464	FED.	43-047-31925
NBU #117	NENE	10	10	22		ST UT-01197-A	STATE	43-047-31914
NBU #118	SENE	22	9	20		U-0577-B	UTE	43-047-31969
NBU #119	SENE	22	9	20		U-0577-B	UTE	43-047-31973
NBU #120	NWNW	10	9	21		U-0141315	UTE	43-047-31972
NBU #121	NWNE	13	9	21		U-01193	UTE	43-047-
NBU #122	SWSE	13	9	21		U-01193	UTE	43-047-32085
NBU #123	NWNW	15	9	21		U-01188	UTE	43-047-31974
NBU #124	NWNE	16	9	21		ST ML-3282	UTE	43-047-31971
NBU #125	NESE	17	9	21		U-0575	UTE	43-047-32090
NBU #126	NENW	21	9	21		U-0576	UTE	43-047-31962
NBU #127	SWNW	21	9	21		U-0576	UTE	43-047-31963
NBU #128	SWSW	21	9	21		U-0576	UTE	43-047-31964
NBU #129	SENE	22	9	21		U-010950-A	UTE	43-047-31965
NBU #130	SWNW	22	9	21		U-0147566	UTE	43-047-31967
NBU #131	NWSW	23	9	21		U-0149075	UTE	43-047-31966
NBU #132	NWNW	26	9	21		ST U-01194	STATE	43-047-31938
NBU #133	SWNE	28	9	21		U-0576	FED.	43-047-31950
NBU #134	SWSW	28	9	21		U-0576	FED.	43-047-32011
NBU #135	NESE	18	9	22		U-461	UTE	43-047-32089
NBU #136	SWSE	19	9	22		U-0284	UTE	43-047-31968
NBU #137	SESE	30	9	22		ST ML-22935	STATE	43-047-31939
NBU #138A	SENE	33	9	22		U-01191-A	FED.	43-047-32151
NBU #139	SWNE	14	10	21		U-465	FED.	43-047-31948
NBU #140	NWNE	5	10	22		U-01191A	FED.	43-047-31947
NBU #141	SENE	6	10	22		U-464	FED.	43-047-32017
NBU #142	NESE	10	10	22		U-025187	FED.	43-047-32013
NBU #143	NWNE	10	9	21		U-0141315	UTE	43-047-32088
NBU #144	NWNW	23	9	21		U-0149075	UTE	43-047-32044
NBU #145	NWNE	27	9	21		ST U-01194-A	STATE	43-047-31976
NBU #146	SWNW	14	10	21		U-465	FED.	43-047-31985
NBU #147	NWSW	4	10	22		U-01191	FED.	43-047-31984
NBU #148	SESW	4	10	22		U-01191	FED.	43-047-31983
NBU #149	NESE	5	10	22		U-01191	FED.	43-047-31982
NBU #150	SENE	9	10	22		U-01196-B	FED.	43-047-31992
NBU #151	NWNW	9	10	22		U-01196-B	FED.	43-047-31991
NBU #152	SESE	9	10	22		U-01196-D	FED.	43-047-31990
NBU #153	SWNW	11	10	22		ST U-01197-A	STATE	43-047-31975
NBU #154	NWSE	26	9	21		ST ML-22934	STATE	43-047-32003
NBU #155	SENE	31	9	22		ST ML-23607	STATE	43-047-32004
NBU #156	SWNW	35	9	21		ST U-01194	STATE	43-047-32005
NBU #157	SESW	32	9	22		ST ML-22649	STATE	43-047-32007
NBU #158	NWSE	27	9	21		ST U-01194-A	STATE	43-047-31997
NBU #159	NESW	35	9	21		ST U-01194	STATE	43-047-31996
NBU #160	SESW	31	9	22		ST ML-22935-A	STATE	43-047-32006
NBU #161	SESE	32	9	22		ST ML-22649	STATE	43-047-32023
NBU #162	SENE	12	10	20		U-4478	FED.	43-047-32066
NBU #163	NENW	14	10	21		U-465	FED.	43-047-32069
NBU #164	NWSE	3	10	22		U-01191-A	FED.	43-047-32055
NBU #165	NENW	3	10	22		U-01191	FED.	43-047-32057
NBU #166	SWSE	28	9	21		U-0576	FED.	43-047-32065
NBU #167	SESW	25	9	21		ST U-01194	STATE	43-047-32054
NBU #168	NWSW	12	10	20		U-4478	FED.	43-047-32117
NBU #169	SESW	12	10	20		U-4478	FED.	43-047-32118



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION			RGE	STATE OR BLM		API NUMBER
	QUAD	SEC	TWP		LEASE #	SURFACE	
NBU #170	NWNW	4	10	22	U-01191-A	FED.	43-047-32169
NBU #171	SENE	5	10	22	U-01191-A	FED.	43-047-32115
NBU #172	NENE	19	9	22	U-0284	UTE	43-047-32194
NBU #173	NWNE	33	9	22	U-01191-A	FED.	43-047-32116
NBU #174	NWNW	11	9	21	U-0141315	UTE	43-047-32193
NBU #175	NENW	28	9	21	U-0576	FED.	43-047-32143
NBU #176	SWNW	28	9	21	U-0576	FED.	43-047-32144
NBU #177	NESE	29	9	21	U-0581	FED.	43-047-32112
NBU #178	NWNE	30	9	21	U-0581	FED.	43-047-32121
NBU #179	SWSW	10	10	21	U-01416-A	FED.	43-047-32145
NBU #180	SWSE	10	10	22	U-025187	FED.	43-047-32113
NBU #181	SESW	9	9	21	U-0576	UTE	43-047-32161
NBU #182	SENW	11	9	21	U-0141315	UTE	43-047-32162
NBU #183 ✓	SWNW	27	9	21	ST U-01194-A	STATE	43-047-32122
NBU #184	SESW	30	9	22	U-463	FED.	43-047-32170
NBU #185	SWNE	3	10	22	U-01191-A	FED.	43-047-32171
NBU #186	SENE	30	9	22	U-463	FED.	43-047-
NBU #187	SESW	34	9	22	U-0149077	FED.	43-047-
NBU #188	SWSW	10	10	22	U-01196-C	FED.	43-047-
NBU #189	SESW	23	9	21	U-0149075	UTE	43-047-
NBU #190 ✓	NWNE	26	9	21	ST U-01194	STATE	43-047-
CIGE 110-7-9-21	SWSE	7	9	21	U-0575-B	UTE	43-047-31959
CIGE 111-13-9-21	SESW	13	9	21	U-01193	UTE	43-047-31954
CIGE 112-19-9-21	SESE	19	9	21	U-0581	UTE	43-047-31945
CIGE 113-21-9-21	SWNE	21	9	21	U-0576	UTE	43-047-31944
CIGE 114-34-9-21	NESE	34	9	21	ST U-01194-A	STATE	43-047-31915
CIGE 115-35-9-21	NWNE	35	9	21	ST ML-22582	STATE	43-047-31918
CIGE 116-29-9-22	NWSW	29	9	22	ST ML-22935	STATE	43-047-31919
CIGE 117-34-9-22	SWNW	34	9	22	U-0149077	FED.	43-047-31928
CIGE 118-35-9-22	NESE	35	9	22	U-010954A	FED.	43-047-32025
CIGE 119-15-10-21	NENE	15	10	21	U-01416-A	FED.	43-047-31927
CIGE 120-15-9-20	SENE	15	9	20	U-0144868	UTE	43-047-32032
CIGE 121-15-9-20	NWNE	15	9	20	U-0144868	UTE	43-047-32031
CIGE 122-7-9-21	NENE	7	9	21	U-0149767	UTE	43-047-32098
CIGE 123-7-9-21	SWNE	7	9	21	U-0575-B	UTE	43-047-32047
CIGE 124-9-9-21	NWSE	9	9	21	U-01188	UTE	43-047-32045
CIGE 125-13-9-21	NWNW	13	9	21	U-01193	UTE	43-047-32084
CIGE 126-13-9-21	NWSW	13	9	21	U-01193	UTE	43-047-32087
CIGE 127-16-9-21	NESW	16	9	21	ST ML-3141	UTE	43-047-32036
CIGE 128-18-9-21	NENE	18	9	21	U-0575	UTE	43-047-32046
CIGE 129-18-9-21	NENW	18	9	21	U-0581	UTE	43-047-32043
CIGE 130-19-9-21	NENE	19	9	21	U-0581	UTE	43-047-32030
CIGE 131-19-9-21	SWNE	19	9	21	U-0581	UTE	43-047-32029
CIGE 132-20-9-21	NWSW	20	9	21	U-0575	UTE	43-047-32028
CIGE 133-35-9-21	SWSE	35	9	21	ST ML-22582	STATE	43-047-31978
CIGE 134-1-10-20	SWSW	1	10	20	U-02270-A	FED.	43-047-31989
CIGE 135-3-10-21	SWSW	3	10	21	U-0149078	FED.	43-047-32001
CIGE 136-4-10-21	SWNE	4	10	21	ST ML-22940	STATE	43-047-31979
CIGE 137-6-10-21	SENE	6	10	21	U-01791	FED.	43-047-31988
CIGE 138A-6-10-21	SENW	6	10	21	U-01791	FED.	43-047-31987
CIGE 139-10-10-21	SWNE	10	10	21	U-0149079	FED.	43-047-31986
CIGE 140-16-10-21	NENE	16	10	21	ST ML-10755	STATE	43-047-31977
CIGE 141-7-10-22	NWNE	7	10	22	ST ML-23609	STATE	43-047-31970
CIGE 142-25-9-21	SENE	25	9	21	ST U-01189	STATE	43-047-31994
CIGE 143-34-9-21	SWNE	34	9	21	ST U-01194-A	STATE	43-047-31995
CIGE 144-2-10-22	SWNE	2	10	22	ST ML-22651	STATE	43-047-32022
CIGE 145-29-9-22	SENW	29	9	22	ST ML-22935	STATE	43-047-31993
CIGE 146-16-10-21	NWNE	16	10	21	ST ML-10755	STATE	43-047-32021
CIGE 147-36-9-22	SESW	36	9	22	ST ML-22650	STATE	43-047-32020
CIGE 148-31-9-22	NWNE	31	9	22	ST ML-22935-A	STATE	43-047-32024
CIGE 149-8-10-21	NWNE	8	10	21	U-01791	FED.	43-047-32056
CIGE 150-9-10-21	SWNE	9	10	21	U-01416	FED.	43-047-32058
CIGE 151-10-10-21	SWSE	10	10	21	U-0149079	FED.	43-047-32059
CIGE 152-33-9-22	SESW	33	9	22	U-01191-A	FED.	43-047-32068
CIGE 153-35-9-22	SESW	35	9	22	U-010954-A	FED.	43-047-32067
CIGE 154-13-10-20	NWNW	13	10	20	U-4485	STATE	43-047-32119
CIGE 155-9-9-21	SENE	9	9	21	U-01188-B	UTE	43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION				STATE OR BLM		API NUMBER
	QUAD	SEC	TWP	RGE	LEASE #	SURFACE	
CIGE 156-16-9-21	NESE	16	9	21	ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21	U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21	U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21	U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21	U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22	SESE	2	10	22	ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22	SESE	36	9	22	ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21	U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22	U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20	U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21	U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21	U-01791	FED.	43-047-32142
CIGE 168-16-10-21	NWSE	16	10	21	ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21	SENE	2	10	21	ST ML-22652	STATE	43-047-

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

RECEIVED  
MAY 04 1992

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ MAY 04 1992

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐ DIVISION OF

3. NAME OF OPERATOR

Coastal Oil & Gas Corporation

OIL, GAS & MINING

4. ADDRESS OF OPERATOR

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 2285' FNL & 741' FWL (SW/NW)

At top prod. interval reported below Same as above.

At total depth Same as above.

14. PERMIT NO.

43-047-31963

DATE ISSUED

3/12/91

15. DATE SPUDDED

2/24/92

16. DATE T.D. REACHED

3/15/92

17. DATE COMPL. (Ready to prod.)

3/30/92

18. ELEVATIONS (DF, RKB, ST, GR, ETC.)\*

4837' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6625'

21. PLUG, BACK T.D., MD & TVD

6568'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

SFC-TD

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

6129'-6411' (Wasatch)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

4-7-92

DLI, CDI-Neut.; CBL-CCL-CL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	264'	12-1/4"	150 sx Prem Plus AG	None
5-1/2"	17#	6623'	7-7/8"	1025 sx HiFill & "H" 50/50	Poz None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6411'	

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6411'	

31. PERFORATION RECORD (Interval, size and number)

Perf'd w/4" csg gun @ following depths

(1JSPF): 6411' 6148'  
6165' 6142'  
6160' 6134'  
6156' 6129'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6411'-6129'	1500 gals 15% HCl + Add & 16 BS's

33.

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3/30/92		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
3/30/92	24	20/64"	→	0	280	0	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
100	---	→	0	280	0	N/A		
34. DISPOSITION OF GAS (Hold used for fuel, vented, etc.)								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SI, WOPLC

TEST WITNESSED BY

P. Breshears

35. LIST OF ATTACHMENTS

Chronological History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Eileen Danni Day

Regulatory Analyst

DATE 4/28/92

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	4980'	
<p>             CUT OVER 2 INCHES              DIAMETER OF              2000 &amp; 1000              1000 &amp; 1000              1000 &amp; 1000           </p>		

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

RECEIVED

MAY 04 1992

DIVISION OF  
OIL GAS & MINING

NBU #127  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
CHANDLER #1  
WI: 100% COGC AFE: 13401  
ATD: 6625' (Wasatch) SD: 3/8/92  
CSG: 8-5/8" @ 264'; 5 1/2" @ 6623'  
DHC(M\$): 168.0

- 2/27/92 Spudded well @ 10:00 a.m., 2/24/92 w/Leon Ross Drlg Co. Drill 12-1/4" hole to 255' GL. RIH w/6 jts 8-5/8", K-55, 8rd, ST&C, 24# (tally 253.62'). Set at 264' KB. Cmt w/Howco: 150 sx Prem plug AG, 2% CaCl<sub>2</sub>, 1/4#/sk Flocele. Displace w/14 1/2 BW. Circ 6 bbls to pit. Ran 3 centralizers. CC: \$31,212.
- 3/6/92 264' RURT's. MIRU Chandler rig #1. Inspecting DP. Expect to spud Sunday, 3/8/92. CC: \$31,212.
- 3/7/92 MI RURT.
- 3/8/92 264' Drlg cmt and shoe. MI RURT. NU BOPE. Test BOPE to 2000#, Hydril and csg to 1500#. Repair fuel line, PU BHA. Install rot hd, tag cmt at 221'. Drlg cmt and shoe. CC: \$35,098.
- 3/9/92 809' TIH 545'/9 hrs. Drlg cmt and shoe. Svys: 1/2 deg @ 278'; 1 deg @ 768'. RS and check BOP. Drlg, chg rot hd rbr. Drop 5' bar down hole. Work past junk and TOH. WO fishing tools. PU overshot w/1" grapple. TIH, fish for bar. TOH. Rec 58" of bar. PU magnet. TIH, work magnet. Rec remainder of bar. Load out fishing tools. TIH w/bit. Boiler 24 hrs. Drlg w/air mist, 1000 CFM, 300 psi. CC: \$42,900.
- 3/10/92 2220' Drlg 1411'/20.5 hrs. TIH, drlg, RS. Drlg, svys: 1 deg @ 1230'; 3/4 deg @ 1725'. Replace rot hd rbr. Drlg, switch to aerated wtr. 24 hrs boiler. 850 CFM. CC: \$65,208.
- 3/11/92 3200' Drlg 980'/22 hrs. Drlg, svys: 1-3/4 deg @ 2220'; misrun at 2752'; 1-3/4 deg @ 2783'. 24 hrs boiler. Drlg w/DAP wtr. CC: \$82,298.
- 3/12/92 4070' Drlg 870'/22.5 hrs. Drlg, svys: 1-1/4 deg @ 3260'; 1-1/2 deg @ 3750'. Drlg w/aerated wtr. MW 8.4, VIS 26, 400 SCFM. CC: \$97,822.
- 3/13/92 4955' Drlg 885'/23 hrs. Drlg w/aerated wtr. Svys: 1-1/2 deg @ 4242'; 1-3/4 deg @ 4734'. Check BOP, RS. Drlg w/aerated wtr. Boiler 24 hrs. MW 8.4, VIS 26, 400 SCFM. CC: \$114,610.
- 3/14/92 5402' Drlg 447'/15 hrs. Drlg, Svys: 1-3/4 deg @ 4734'; 1-3/4 deg @ 5006'. TFNB. RS, TIH. Work junk on btm buttons. Drlg, work on reserve pit pump. Drlg w/DAP wtr, MW 8.4, VIS 26. Boiler 8 hrs. CC: \$122,498.
- 3/15/92 6085' Drlg 683'/23 hrs. Drlg, replace rot hd rbr. Svy: 1-1/2 deg @ 5527'. Aerated DAP wtr, MW 8.4, VIS 26. CC: \$136,062.
- 3/16/92 6625' Short trip for logs. 540'/20.5 hrs. Drlg, svy: 2 deg @ 6141'. Check BOP. RS, drlg, circ. Short trip 20 stds. Drlg breaks from 6122'-6146' and 6150'-6160'. Drlg w/wtr. MW 8.4, VIS 26, no air. CC: \$143,224.
- 3/17/92 6625' Running csg. Finish 20 stds ST. Circ for logs. Displace w/400 bbls 10# brine. Svy: 2 deg @ 6625'. SLM out, no corr. Log by HLS. Logger's TD at 6631'. Ran DLL from 6614'-250'; CDL-Neut from 6586'-2800'. TIH, RU LD machine. LD DP and DC's. RU csg crew and run 5-1/2" csg. TD hole at 3:00 a.m., 3/16/92. 10# brine. CC: \$156,176.
- 3/18/92 6625' RDRT and move. run 157 jts 5-1/2" 17# J-55 LT&C w/flag jt at 6623'. Tally run 6642.68'. RU Halliburton and wash 15' to btm w/csg. Cement as follows: pump 30 BSF, 425 sx Hi-Fill V w/1#/sx Capseal, 0.3% HR-7 and 600 sx Class H 50-50 Poz cmt w/2% gel, 10% salt, 0.6% Halad 24, 0.2% CFR-3 and 1#/sx Capseal and 1/4#/sx Flocele. Had full returns throughout job and circulated 104 sx cmt to surf. Floats held. Bump plug to 2200 psi (700 psi over). Set 5-1/2" slips w/102,000 as cemented. ND BOP and cut off csg. Clean mud pits. RR @ 8:00 p.m., 3/17/92. CC: \$229,545. FINAL DRILLING REPORT.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

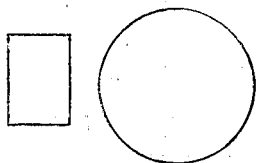
NBU #127  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13401  
TD: 6625' (WASATCH) SD: 3/8/92  
CSG: 5-1/2" @ 6623'  
PERFS: 6411'-6129'  
CWC(M\$): 371.2

- 3/28/92 Prep to RIH w/4-3/4" mill. MIRU Pool Rig #298.  
DC: \$3,700 TC: \$233,245
- 3/29/92 Prep to perforate. RIH w/4-3/4" mill, tag @ 6569'. Displace hole  
w/150 bbls 3% KCl. POOH w/tbg & mill. RU Cutters WL, run CBL-CCL-CL  
from PBTD @ 6568' to TOC @ 40'. RD Cutters WL. PT csg to 5000 psi,  
OK.  
DC: \$19,500 TC: \$252,745
- 3/30/92 Flow to pit on 20/64" choke. Well dead. RIH, perforate 8 holes @  
6411', 6165', 6160', 6156', 6148', 6142', 6134' and 6129'. RIH w/tbg  
to 6411'. Spot acid over perfs. POOH to 6086'. ND BOP, NU tree.  
Pumped 15% HCl @ 7 BPM @ 5000 psi. Balled off solid. Surge balls  
off. Finish job @ 7 BPM @ 5000 psi. ISIP 1450 psi, 15 min 1400 psi.  
Flwd 340 MCFD gas, FTP 125 psi, 20/64" choke.  
DC: \$10,000 TC: \$262,745
- 3/31/92 SI, WO frac. Flwd 280 MCFD dry gas, FTP 100 psi on 20/64" chk. SI  
5:30 p.m., 3/30/92. Drop from report.  
DC: \$1,950 TC: \$264,695

NBU137

Sec 21, T9S R21E Publy 5-27-92

N —



bermed condensate  
tank & emergency  
pit



production unit  
w/ meter

well head

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA. Agreement Designation Natural Buttes Unit
2. Name of Operator Coastal Oil & Gas Corporation	8. Well Name and No. NBU #127
3. Address and Telephone No. P.O. Box 749 Denver, CO 80201-0749 (303) 573-4476	9. API Well No. 43-047-31963
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2285' FNL & 741' FWL(SW/NW) Section 21, T9S, R21E	10. Field and Pool, or Exploratory Area Natural Buttes
	11. County or Parish, State Uintah County, Utah

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Fracture Treatment

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached chronological history for the fracture treatment performed on the above-referenced well.

**RECEIVED**

SEP 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed [Signature] Title Regulatory Analyst Date 9/2/92  
(This space for Federal or State office use)  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side



THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #127  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13401  
TD: 6625' (WASATCH) SD: 3/8/92  
CSG: 5-1/2" @ 6623'  
PERFS: 6129'-6411'  
CWC(M\$): 371.2

- 3/28/92 Prep to RIH w/4-3/4" mill. MIRU Pool Rig #298.  
DC: \$3,700 TC: \$233,245
- 3/29/92 Prep to perforate. RIH w/4-3/4" mill, tag @ 6569'. Displace hole w/150 bbls 3% KCl. POOH w/tbg & mill. RU Cutters WL, run CBL-CCL-CL from PBD @ 6568' to TOC @ 40'. RD Cutters WL. PT csg to 5000 psi, OK.  
DC: \$19,500 TC: \$252,745
- 3/30/92 Flow to pit on 20/64" choke. Well dead. RIH, perforate 8 holes @ 6411', 6165', 6160', 6156', 6148', 6142', 6134' and 6129'. RIH w/tbg to 6411'. Spot acid over perfs. POOH to 6086'. ND BOP, NU tree. Pumped 15% HCl @ 7 BPM @ 5000 psi. Balled off solid. Surge balls off. Finish job @ 7 BPM @ 5000 psi. ISIP 1450 psi, 15 min 1400 psi. Flwd 340 MCFD gas, FTP 125 psi, 20/64" choke.  
DC: \$10,000 TC: \$262,745
- 3/31/92 SI, WO frac. Flwd 280 MCFD dry gas, FTP 100 psi on 20/64" chk. SI 5:30 p.m., 3/30/92. Drop from report.  
DC: \$1,950 TC: \$264,695
- 8/12/92 Flwg back after frac. Set & fill frac tanks & CO<sub>2</sub> vessels. RU Halliburton. Frac perfs 6129'-6411' (8 holes) w/131,400 gal gel 3% KCl wtr w/30% CO<sub>2</sub> & 242,000# 20/40 sand as follows:  
  
38,000 gal pad.  
22,000 gal w/1 ppg sand.  
22,000 gal w/2 ppg sand.  
22,000 gal w/3 ppg sand.  
11,000 gal w/4 ppg sand.  
11,000 gal w/6 ppg sand.  
5,400 gal flush.  
  
AIR 20 BPM @ 2670 psi. ISIP 2080 psi, 15 min 1609 psi. RD Halliburton. SI 2 hrs. Start flow back @ 1:30 p.m. on 18/64" chk. 2172 BLTBR.  
DC: \$100,480 TC: \$365,175
- 8/12/92 Flwg 500 MCFD CO<sub>2</sub>, FTP 1075 psi, CP 1375 psi, 12/64" chk, 120 BWPD.
- 8/13/92 Flwg 600 MCFD CO<sub>2</sub>, FTP 700 psi, CP 1050 psi, 14/64" chk, 20 BWPD.
- 8/14/92 Flwg 1.0 MMCFD gas, FTP 600 psi, CP 850 psi, 18/64" chk, 15 BWPD.
- 8/15/92 Flwg 600 MCFD, FTP 350 psi, CP 650 psi, 18/64" chk, 5 BWPD.
- 8/16/92 Flwg 500 MCFD, FTP 300 psi, CP 650 psi, 18/64" chk, 5-10 BWPD w/sand. Flowline washed out.
- 8/17/92 Flwg 650 MCFD, FTP 400 psi, CP 600 psi, 18/64" chk, 3-5 BWPD.
- 8/18/92 Flwg 400 MCFD, FTP 350 psi, CP 575 psi, 16/64" chk, 10 BWPD.
- 8/19/92 Flwg 600 MCFD gas, FTP 350 psi, CP 550 psi, 18/64" chk, 15 BWPD.
- 8/20/92 Flwg 400 MCFD, FTP 200 psi, CP 450 psi, 18/64" chk, dry gas. SI @ 6:30 a.m. Drop from report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
UTU-0576

6. If Indian, Annotee or Tribe Name

N/A

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Coastal Oil & Gas Corporation

3. Address and Telephone No.  
P.O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2285' FNL & 741' FWL (SW/NW)  
Section 21, T9S, R21E

7. If Unit or CA, Agreement Designation  
Natural Buttes Unit

8. Well Name and No.  
NBU #127

9. API Well No.  
43-047- 31963

10. Field and Pool, or Exploratory Area  
Natural Buttes

11. County or Parish, State  
Uintah County, Utah

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice or Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ Other First Sales

- ☐ Change or Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above-referenced well was connected to CIG's gas salesline and first sales occurred at 2:00 PM, 9/2/92 w/a rate of 1358 MCFPD, 0 BOPD, 0 BWPD, FTP 2080, SICP 1911, and 12/64" choke.

**RECEIVED**

OCT 02 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Analyst

Date 9/30/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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Budget Bureau No. 1004-0135  
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**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

2285' FNL & 741' FWL

SW/NW Section 21, T9S-R21E

5. Lease Designation and Serial No.

UTU-0576

6. If Indian, Alottee or Tribe Name

Ute Tribal

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #127

9. API Well No.

43-047-31963

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

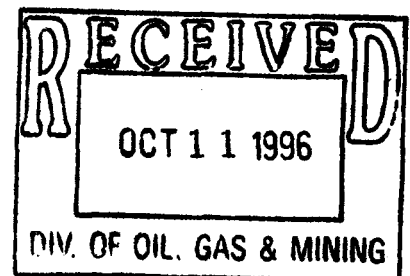
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Perf, frac

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached procedure for work to be performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson  
Bonnie Carson

Title

Sr. Environmental & Safety Analyst

Date

10/08/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

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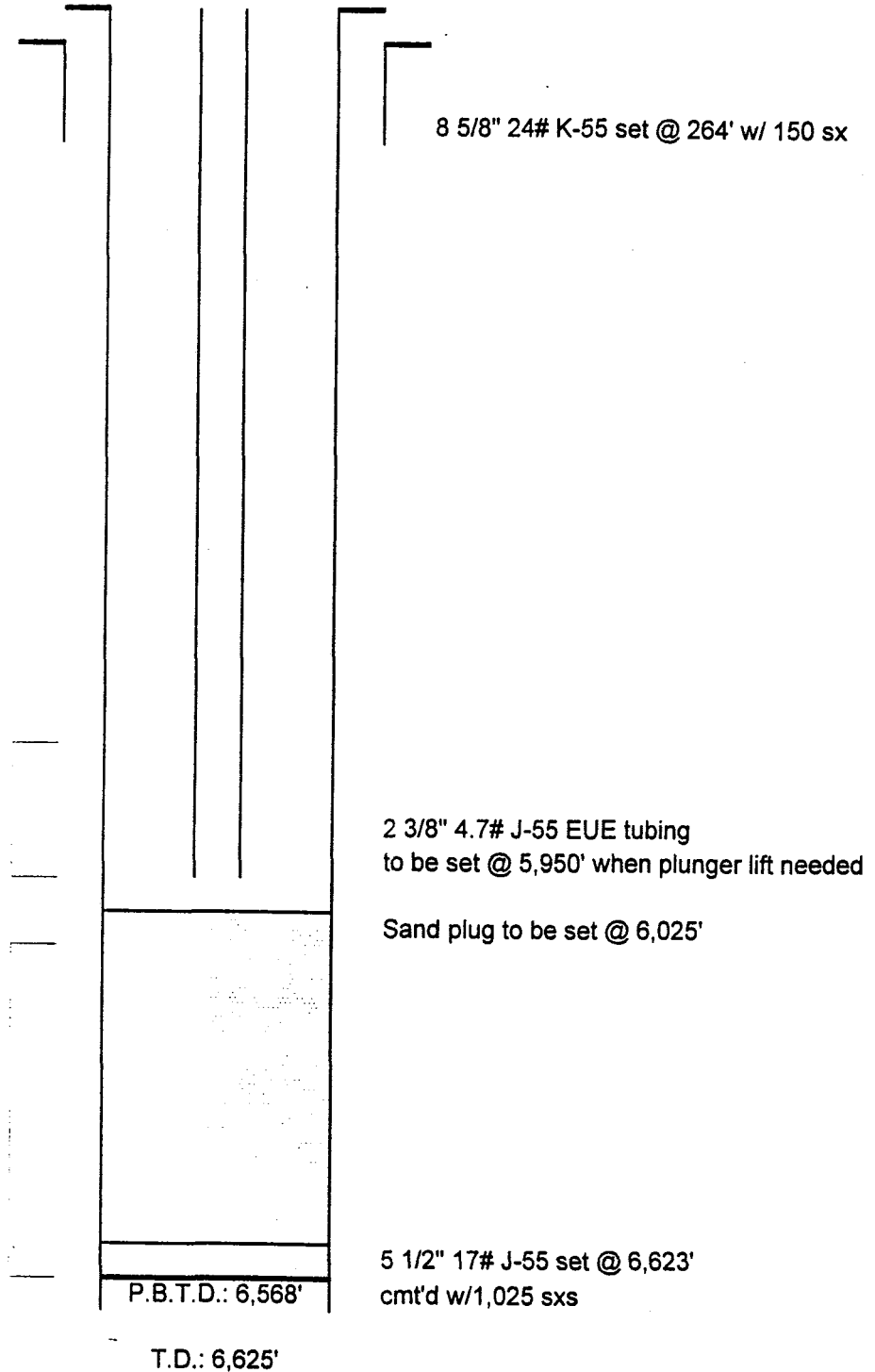
**NBU #127**  
Natural Buttes Field  
Uintah County, Utah

**Proposed Wellbore Schematic**

KB: 4,848'  
GL: 4,837'

Proposed Perforations:  
5,200' - 5,926'

Current Perforations:  
6,129' - 6,411'



# WORKOVER PROCEDURE

## **NBU 127**

Section 21-T9S-R21E

Uintah County, UT

October 3, 1996

ELEVATION: 4837' GL; 4848' KB  
TOTAL DEPTH: 6625' PBTD: 6568'  
CASING: 8-5/8", 24#, K-55 ST&C set @ 264'  
5-1/2", 17#, J-55 set @ 6623'  
TUBING: 2-3/8", 4.7#, N-80 set @ 6086'  
PERFORATIONS: Current 6,129'-6,411' (Wasatch)  
Proposed 5,200'-5,926' (Wasatch)

**Objective:** Recomplete and fracture stimulate in two stages.

### **Procedure:**

1. MIRU PU. Control well. NDWH, NU 5M Full-Opening Frac Valve & BOP's.
2. TIH w/tubing and verify PBTD. Spot a sand plug to 6,025'. Spot as a balanced slurry around the tubing and then PU above the slurry while sand settles. Per the DS handbook, need 13.96 lbs sand per linear foot of 5-1/2" 17# casing. Pump 20/40 mesh sand for plug. POOH w/tbg.
3. Pressure test casing to 4000 psi.
4. RU WLS. Perforate the following intervals with 4" csg guns loaded 2 spf 90 degree phasing. Tie into Halliburton Comp. Density Neutron Log, Run #1 dated 3/16/92.  

**5914-26', 13' net, 26 holes**  
**5906-12', 7' net, 14 holes**  
**5885-92', 8' net, 16 holes**
5. PU 5-1/2" R-3 packer and TIH to 5926'. Spot acid across perforated interval then PU to 5864'. Leave pkr unset during breakdown and include a pressure gauge on the casing to observe treating pressures. Breakdown interval w/total of 500 gal 15% HCl w/additives and overdisplace by 5 bbls w/KCl water ( $\pm 5$  bpm and 4000 psi). Note breakdown pressure on casing pressure gauge.
6. Set pkr and swab back load.
7. Flow/swab interval and determine rates of fluid entry. Consult w/Denver office whether to proceed with fracture stimulation. Control well. POOH and lay down tbg and pkr. ND BOP
8. NU Frac Service. Stimulate interval 5885-5926' w/ $\pm 70,000$  lbs (2500 lbs per foot of net pay) 20/40 sand w/DS Low-Gel system. Tag final stage with Iridium. Pump schedule is pending but

will include 5-10% pad with 1-6 ppg stages. Slug  $\pm 100$  ball sealers (1.1 sp gr.) in the final 5 bbls of frac fluid. When the sand is cut, pump displacement as follows:

Fluid	Volume, BBLS
KCl water	10
15% HCl w/additives	12 (500 gals)
KCl & Frac #2 Pad	110

9. Underdisplace the frac by 5 bbls and leave acid from  $\pm 4700'$ - $5236'$ . Close Frac valve and note ISIP. Apply an equal pump pressure and slowly open the Frac Valve. **Note pressure at which well takes fluid then immediately shut down the pump and close the Frac Valve.**
10. RIH w/4" casing guns loaded 2 spf phased 90 degrees. Prior to detonating guns, note SI pressure of well. Perforate the following intervals watching for any decrease in SI pressure:  

**5230-36', 7' net, 14 holes**  
**5212'-14', 3' net, 6 holes**  
**5,200'-05', 6' net, 12 holes**
11. Initiate breakdown of new perms keeping pump pressure below SI pressure observed prior to perforating. If unable to pump-in, set Plugwell Standard Frac Baffle (5-1/2" x 2" with 2.5" ball) at 5240' on wireline. Drop ball and allow to seat (will not be able to pressure test). RD W/L.
12. RU Frac ball catcher assembly if ball and baffle were set. RU frac lines. Stimulate interval as per pending pump schedule. If ball and baffle were not set, tag first frac stage with Antimony and final frac stage with Scandium. Frac with  $\pm 50,000\#$  20/40 (3000 lbs per net foot of pay). Flowback immediately at 3-4 bpm. Expect frac ball (if used) to reach surface within the first two hours.
13. If frac baffle was not used, run logs to ensure treatment of both zones.
14. If well is flowing in morning, call Denver office with rates and pressures. At issue is whether to snub tubing in hole or whether to kill, run tbg and swab back in.

TWH



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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Budget Bureau No. 1004-0135  
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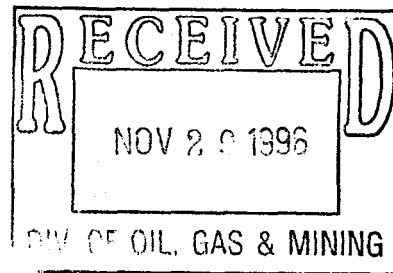
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-0576
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Alottee or Tribe Name Ute Tribal
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 2285' FNL & 741' FWL SW/NW Section 21, T9S-R21E	8. Well Name and No. NBU #127
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	10. Field and Pool, Or Exploratory Area Natural Buttes
	11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Frac stimulate</u>	<input type="checkbox"/> Dispose Water
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*		

Please see the attached chronological history for work performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed Bonnie Carson Title Senior Environmental Analyst Date 11/25/96  
Bonnie Carson

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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WO tax credit

9/97 \*See instruction on Reverse Side

---

**Complete Upper Wasatch Frac Stimulate**

- 10/24/96      MIRU Colorado Well Service Rig #26, pmp tank & frac tank. Kill well 30 bbls 3% KCl w/additives, ND Tree, NU single gate BOP, & double gates BOPs. PU on tbg, LD donut & blast jt. PU - RIH 7 jts 2 $\frac{7}{8}$ " tbg, tag btm est 6277'-POH, LD 1 jt, EOT @ 6250' - MIRU Dowell Schlumberger - PT line, 2700 psi. Pmp 20 bbls 3% KCl, pmp 12 bbls sand slurry containing 3500# 20/40 sd, flush 15 bbls 3% KCl. Pmpd @ 6 bbls min - 0 to 100 psi. SD - POH & stand in Derrick 25 stds tbg 1525'. Pmp 10 bbls 3% KCl into tbg in hole - no psi, tbg clean. SDFN  
DC: \$4,440 TC: \$4,440
- 10/25/96      RIH 2 $\frac{3}{8}$ " tbg, tag sand plugs @ 6065'. PT csg to 4000 psi. POOH tbg - SLM - MIRU Cutter WL. PU-RIH 4" csg gun perf 5914'-26'. POH - change guns, perf 5906'-12, 5885'-92'. Total 56 holes - 2 JSPF - correlate to Neutron Density. POH-RD Cutter, PU-RIH 5 $\frac{1}{2}$  - 17# pkr on 2 $\frac{3}{8}$ " tbg to perfs. MIRU BJ load hole 3% KCl - spot acid. Start break down, broke @ 2100'. Increase rate to 5 bpm. Surface psi - 2500, csg 800 psi, ISIP 800 - 5 mins - 700 psi, 10 min 600 psi. Bleed off. RD BJ-RU Swab - pull 5 runs, rec 35 BF, smallgas blow. 39 BL, rec 35 bbls, 4 BLWLTR. SDFN  
DC: \$8,512 TC: \$12,951

- 10/26/96 SITP 2000 psi. Bleed off on 20/64" chk. At 9am, 100 psi = 280 MCFD. Flow until 11am @ 80 psi - bleed off. RIH Swab, make 1 run, rec 1.5 BF. Put back on 20/64" chk, 60 psi @ 2pm. 180 MCF, pmp 20 bbls into tbg, rls pkr. POH - std back, 79 stds. Rec 1.5 bbls, 2.5 BTR. SDFN  
DC: \$2,355 TC: \$15,306
- 10/27-28/96 MI Frac tanks. MI - 1400 bbls 3% KCl, filter, heat - WSI  
DC: \$935 TC: \$16,241
- 10/29/96 MIRU Dowell Schlumberger, frac 8885' to 5926' - S.D. RU Cutter, RIH 4" csg gun 2 JSPF - perf 5200'-05', 5212'-14, 5230'-36'. 37 holes - Do pmp in test, decide to run frac - baffle. RU-RIH on cutter - setting tool. Set @ 5240' - use comp Density Neutron log for control. POH - RD & rls Cutter. Drop frac baffle ball, wait 1 hr. Continue fracing in top zone - flow to pit after frac @ 3 bbls/min. PSI fell off rapidly - rate to less - then 1 bbls/min. SI @ 10pm, no psi - well dead - rec 150 bbl (est). Load 1050, 900 BLTR. Frac interval 5885'-5926' w/18,000 gal Borate x-link gel and 65,000# 20/40 mesh. Avg R/P - 12 BPM/1200 psi, Max R/P = 12 BPM/2400 psi. ISIP\5\10\15 = 1900/1825/1790/1760 psi. Perforate 5200-36' 2 spf 90° phasing 32 holes. No change in P (1525 psi). Set frac baffle @ 5240' + drop 2.5" ball. Breakdown 5200-36' @ 2 BPM 3200 psi. Frac 5200'-36' w/15,750 gal Borate X-link 20# gel and 59,000# 20/40 mesh sand. Avg R/P = 12 BPM/\_\_\_ psi. Final R/P = 12 BPM/1937 psi, ISIP = 1850#. Total load 1060 bbls. Start flowback @ 3-4 BPM. Recover ±150 bbls. Well dead @ 10:00pm. SI  
DC: \$39,433 TC: \$55,674
- 10/30/96 SICP 150 psi, bleed off to pit. RD flow back piping. PU-RIH 4.75 mill, bit sub on 2 3/8" tbg, tag @ 5240'. Wash & drill plug out - on down to 5670'. Wash & clean sand to 5850'. Working on balance of plug - POOH above perms. SDFN  
DC: \$3,485 TC: \$59,159
- 10/31/96 RIH - Tag sand, wash & CO to 6004' - circ hole clean. POH - LD mill. RIH notch collar 1 jt, SN 194 jts circ frac balls & Iron from top of sand plug @ 6030'. POH - LD 4 jts. Land tbg in donut. EOT @ 5938' KB, SN @ 5893'. SDFN  
DC: \$2,790 TC: \$61,949
- 11/01/96 TP 0 psi, CP 120 psi. Made 4 swab runs, rec 50 bbls, 40 bbls flow on its own. SFL surface, FLL 2000'. Let blow to pit on 24/64" chk to pit. FTP 130 psi, FCP 30 psi.  
DC: \$1,750 TC: \$63,699
- 11/02/96 TP 0 psi, CP 1700 psi. Made 1 swab run, rec 6 bbls. Blow well to pit. RDMO Colorado Well Service. MIRU Delsco Well. Keep flowing, change plate & put well back on production. SFL 1000'. Flowing 20 MCF, 0 BW, 400 TP, 800 CP, on 12/64" chk. Installing PL.  
DC: \$1,667 TC: \$65,365
- 11/03/96 Install plunger lift. Flowing 418 MCF, 25 BW, 280 TP, 540 CP, on 45/64" chk.  
DC: \$4,550 TC: \$69,915

11/04/96      Flowing 435 MCF, 20 BW, 290 TP, 500 CP, on 45/64" chk.

11/05/96      Flowing 434 MCF, 20 BW, 298 TP, 510 CP, on 45/64" chk.

11/06/96      Flowing 434 MCF, 20 BW, 290 TP, 510 CP, on 20/64" chk.

11/07/96      Flowing 389 MCF, 15 BW, 285 TP, 510 CP, on 45/64" chk.

11/08/96      Flowing 389 MCF, 12 BW, 290 TP, 525 CP, on 45/64" chk.

11/09/96      Flowing 356 MCF, 10 BW, 280 TP, 575 CP, on 45/64" chk.

11/10/96      Flowing 343 MCF, 10 BW, 280 TP, 540 CP, on 45/64" chk.

11/11/96      Flowing 323 MCF, 10 BW, 280 TP, 550 CP, on 45/64" chk.

11/12/96      Flowing 300 MCF, 12 BW, 290 TP, 450 CP, on 45/64" chk. PL 12 hrs. **Final Report**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

2285' FNL & 741' FWL

SW/NW Section 21, T9S-R21E

5. Lease Designation and Serial No.

UTU-0576

6. If Indian, Alottee or Tribe Name

Ute Tribal

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #127

9. API Well No.

43-047-31963

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

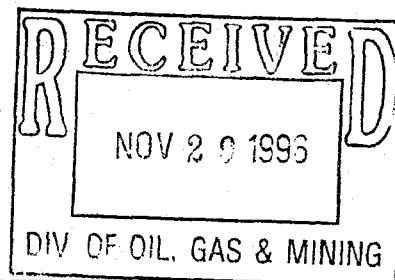
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Rescind T&A Status

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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The subject well was returned to production on 11/1/96. Please rescind T & A status.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Till

Environmental & Safety Analyst

Dat

11/22/96

(This space for Federal or State office use)

APPROVED BY

Till

Dat

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
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BUREAU OF LAND MANAGEMENT

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UTU-0576

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Ute Tribal

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Natural Buttes Unit

8. Well Name and No.

NBU #127

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43-047-31963

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Natural Buttes

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Uintah County, Utah

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☐ Oil Well ☒ Gas Well ☐ Other

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Coastal Oil & Gas Corporation

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P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

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2285' FNL & 741' FWL

SW/NW Section 21, T9S-R21E

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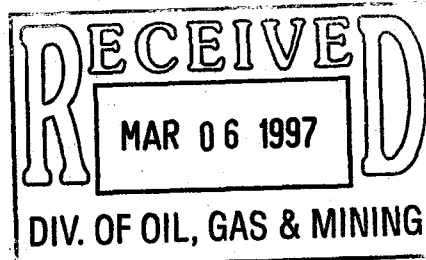
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other CO, commingle, re-run PLE  
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Please see the attached procedure for work to be performed on the subject well.



14. I hereby certify that the foregoing is true and correct.

Signed

Bonnie Carson

TIT

Senior Environmental Analyst

Date

02/28/97

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Accepted by the

Utah Division of

Oil, Gas and Mining

FOR RECORD ONLY

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\*See Instruction on Reverse Side

**NBU #127-21-9-21**  
**NATURAL BUTTES FIELD**  
**SECTION 21 T9S R21E**  
**WORKOVER PROCEDURE *HWM***

**WELL DATA**

LOCATION: 2285' FNL 741' FWL SEC. 21 T9S R21E  
ELEVATION: 4837' GR., 4848' KB.  
TD: 6625', PBSD 6568' (10/92)  
CSG: 8-5/8", 24.0#, K-55 @ 264' w/ 150 SX.  
5-1/2", 17.0#, J-55 @ 6623' w/ 1025 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 5938' (1996)  
FORMATION(S): WASATCH 6129' - 6411', 8 HOLES (1992)  
SAND PLUG @ 6065' (1996)  
WASATCH 5200' - 5926', 37 HOLES  
5885' - 5914', 56 HOLES (1996)

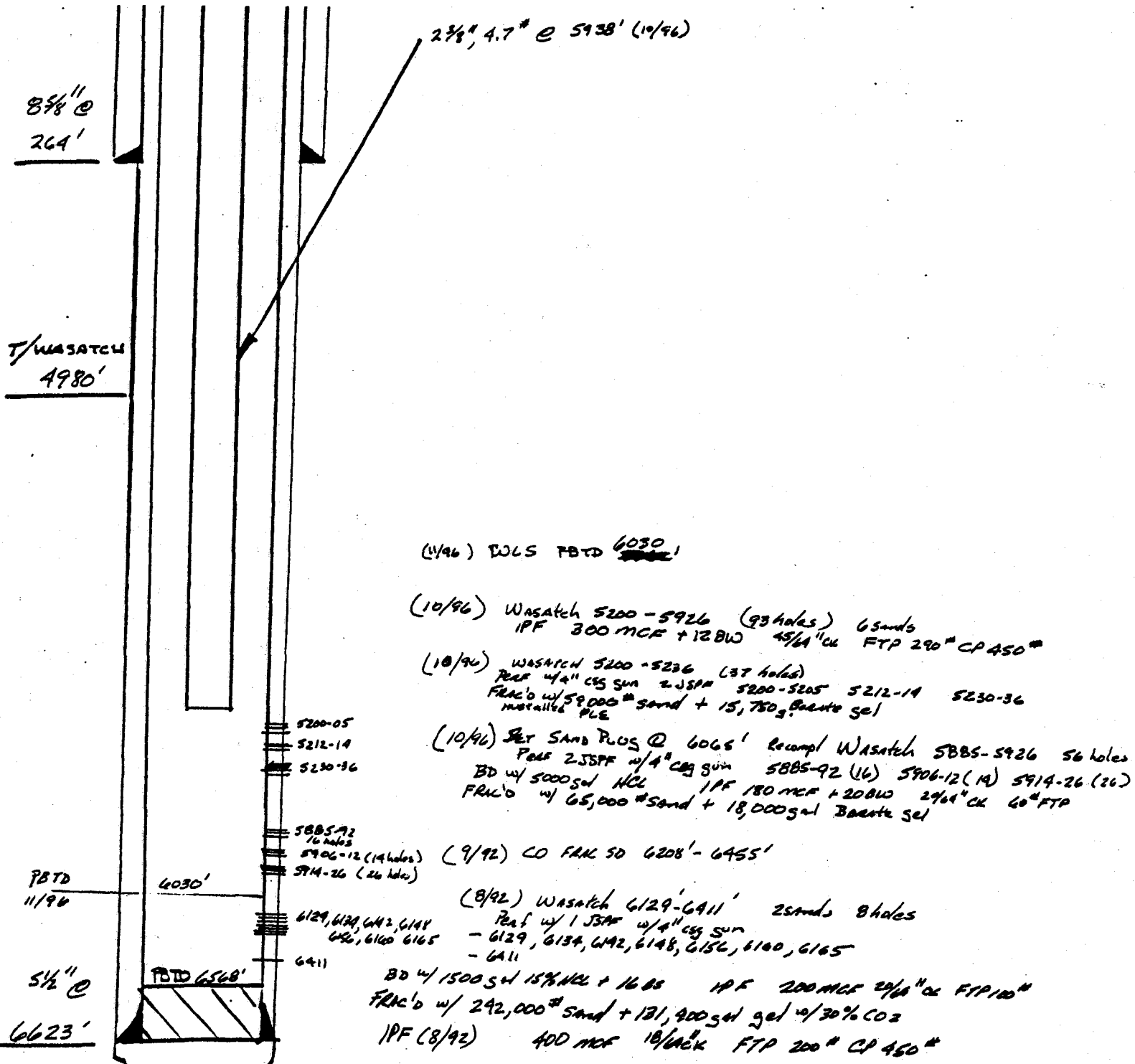
**PROCEDURE**

1. MI & RU pulling unit. Retrieve plunger. Blow down & kill well safely w/ minimum amount of KCL water. ND WH. NU BOP. POOH w/ 2-3/8" tbg.
2. MI & RU Air/Foam unit. RIH w/ 2-3/8" tbg & 4-3/4" mill to clean out sand plug & poss. junk on top of sand plug. Clean out to new PBSD of 6500' (BP @ 6411') with KCL water foamed w/ air. Circ. hole clean. **NOTE:** Possible gas kick while cleaning out sand plug across perf's 6129'-6165'. POOH w/ 2-3/8" tbg & mill.
3. TIH w/ 2-3/8"tbg with notched collar on bottom. Check for fill. PU & land tbg @ 6411'. BP @ 6411'.
4. ND BOP. NU WH. RD & MO pulling unit and Air/Foam unit.
5. Re-run PLE. Swab / flow well to clean up. Return the well to sales.

NBU #127-21-9-21  
NATURAL BUTTES FIELD  
SECTION 21 T9S R21E

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SAND PLUG @ 6065' (1996)  
WASATCH 5200' - 5926', 37 HOLES  
5885' - 5914', 56 HOLES (1996)





**Install Rod Pump**

- 11/25/97 **POOH.** MIRU. ITP 50 psi. ICP 120. Blew well down ND well head. NU BOP. Rig up floor equip. L/D hanger. PU 5 jts. Tag at 6533. POOH (SLM) pulled 78 jts EOT 4005'. Shut in tbg. Left csg to sells.  
DC: 2,609 TC: 2,609
- 11/26/97 **RIH w/pump.** SITP 90 PSI. FCP 50 PSI. Blew down well. POOH Strap corr. Tagged sand yesterday @ 6520' not 6533'. RIH w/bull plug, 1 jt, 4' perf. Sub, PSN, 44 jts tbg anchor, 162 jts tbg hanger. Rig down floor equip. NU BOP. Set TAC w/10000 LB over. NU well head. RU swab & pump 40 bbl 2% KCL down casing. Swab well to clean before running pump. IFL 5600' made 12 swab runs. FFL 5900. Rec 27 bbls. SI tbg, casing selling.  
DC: 2,963 TC: 5,572
- 11/27-28/97 Shut down for Thanksgiving & Friday.
- 11/29/97 **On prod.** SITP 90 PSI. FCP 50. Open tbg. Blow down well. Pick up new pump. Pick up 3/4" rods RIH. Space out, pick up polish rod. Load tbg w/20 bbl 2% test pump to 500 PSI. Hang well on. Watch pump for 2 hrs. Rig down, move off.  
DC: 10,788 TC: 16,371
- 11/30/97 Pmpd 77 MCF, 2 BW, CP 80#.
- 12/01/97 Pmpd 88 MCF, 0 BW, CP 60#. Turn off pmpg unit. Prior prod:  
Flwg 105 MCF, 1 BW, FTP 128#, CP 150#, 45/64" ck. **Final Report.**
- 
- 12/10/97 Got Alder Ht Oiler to pressure up on pump & fill tbg. Tested tbg to 500 psi - held OK. Bled off to 100 psi. Stroke pmp would not build pressure. Pmp stuck, need to pull pmp.
- 12/21/97 **Well back on prod.** MIRU Duco Well Serv. Rig #3. Unseated pmp. POOH w/ 255 - 3/4" rods & 2 x 1-1/4" x 16' THD pmp. Pmp stuck. RIH w/ 2 x 1-1/4" X 16' THD pmp & 255 - 3/4" rods. Seated pmp, respace well. Loaded tbg & pressure to 500 psi. Hung well on. Well pmpg. RDMO.  
DC: \$2,050 TC: \$2,050

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

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## SUBMIT IN TRIPLICATE

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Coastal Oil &amp; Gas Corporation

## 3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

## 4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

2285' FNL &amp; 741' FWL

SW/NW Section 21, T9S-R21E

## 5. Lease Designation and Serial No.

UTU-0576

## 6. If Indian, Alottee or Tribe Name

Ute Tribal

## 7. If Unit or CA, Agreement Designation

Natural Buttes Unit

## 8. Well Name and No.

NBU #127

## 9. API Well No.

43-047-31963

## 10. Field and Pool, Or Exploratory Area

Natural Buttes

## 11. County or Parish, State

Uintah County, Utah

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

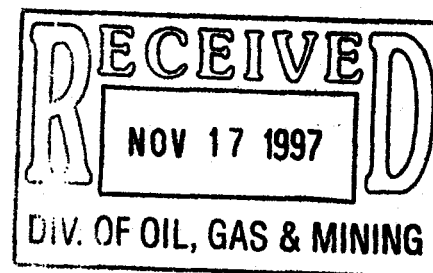
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- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ Other CO, commingle.

- ☐ Change of Plans
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Please see the attached chronological procedure for work performed on the subject well.



## 14. I hereby certify that the foregoing is true and correct

Signed Bonnie Carson Title Senior Environmental Analyst Date 11/13/97

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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WO tax credit 8/98

\*See Instruction on Reverse Side

**Clean-Out Lwr Tbg**

- 08/13/97 CO. ND tree, NU BOP. POOH. LD NC. PU bit & RIH, stop above perfs @ 5140'. Hook up blowdown line. Prep to CO. SDFN. TC: \$4,262
- 08/14/97 RIH to chk f/ fill. MIRU air foam ut. Brk circ w/foam. RIH & CO sd f/ 5982' to 6550'. Circ hole cln (sd coming in after CO below perfs 6129-6411'). POOH above perfs. SDFN. TC: \$12,269
- 8/15/97 Swb. SITP 400#, SICP 500#. Kill tbg w/10 BBLS 2% KCl. RIH & tag sd @ 6542 (new PBTD). POOH. LD bit & bit sub. RIH w/prod string, broach'g while RIH. Land tbg @ 6396' w/SN @ 6364'. ND BOP, NU tree. SDFN. TC: \$15,698
- 8/16/97 MIRU SU. IFL @ 5100'. Made 2 runs, well flwg. Rec 10 BF. Put well on sales @ 1:30 pm 8/16/97. SDFN. TC: \$16,468
- 8/17/97 Flwg 210 MCFD, 8 BWPD, 45/64" chk, FTP 113#, FCP 180#, LP 99#.
- 8/18/97 Flwg 170 MCFD, 6 BWPD, 45/64" chk, FTP 115#, FCP 206#, LP 101#.
- 8/19/97 Flwg 170 MCFD, 6 BWPD, 45/64" chk, FTP 145#, FCP 206#, LP 145#.
- 8/20/97 Flwg 158 MCFD, 2 BWPD, F/O chk, FTP 107#, FCP 157#, LP 95#.
- 8/21/97 Flwg 178 MCFD, 6 BWPD, 45/64" chk, FTP 154#, FCP 186#, LP 105#.
- 8/22/97 Flwg 178 MCFD, 5 BWPD, 45/64" chk, FTP 154#, FCP 186#, LP 105#.  
**FINAL REPORT.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
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☐

Oil Well

☒

Gas Well

☐

Other

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☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Install rod pump

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

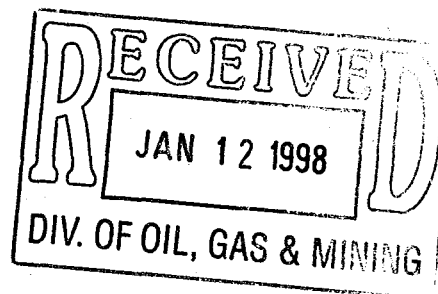
☐

Dispose Water

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Signed

Sheila Bremer  
Sheila Bremer

Title Environmental & Safety Analyst

Date

01/09/98

(This space for Federal or State office use)

APPROVED BY

Title

Date

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See attached spreadsheet

43-047-31963

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

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See attached spreadsheet

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See attached spreadsheet

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Utah

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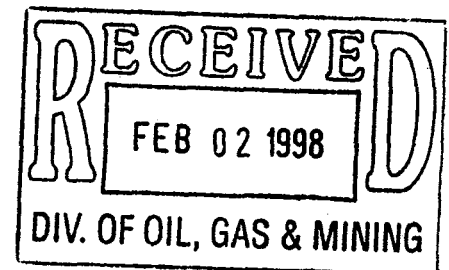
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☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The operator requests permission to empty produced water into tanks on the listed locations. The produced water will then be transported by truck to the underground injection well, NBU #159, located at NE/SW Section 35, T9S-R21E.



14. I hereby certify that the foregoing is true and correct

Signed

*Bonnie Carson*

Title Sr. Environmental Analyst

Date 1/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

Well Name	API No.	Lease Designation & serial number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Location	Field	County
CIGE 19	43-047-30459	ML-3141-A	Ute Tribe	1231' FWL & 1223' FSL	SWSW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 22	43-047-30501	U-0144868	N/A	1980' FNL & 1980' FWL	SENE	Sec. 15-9S-20E	Natural Buttes	Uintah
CIGE 30	43-047-30498	U-01791	N/A	1307' FNL & 1419' FWL	SWSE	Sec. 6-10S-21E	Natural Buttes	Uintah
CIGE 37D	43-047-30910	U-0576	Ute Surface	1031' FSL & 1481' FEL	SWSE	Sec. 21-9S-21E	Natural Buttes	Uintah
CIGE 44	43-047-30527	U-01188	Ute Tribal	513' FSL & 503' FEL	SESE	Sec. 9-9S-21E	Natural Buttes	Uintah
CIGE 45	43-047-30528	U-01193	Ute Tribe	1019' FNL & 778' FEL	NENE	Sec. 15-9S-21E	Natural Buttes	Uintah
CIGE 60	43-047-30549	U-01193	Ute Surface	2156' FNL & 1813' FWL	SENE	Sec. 14-9S-21E	Natural Buttes	Uintah
CIGE 61	43-047-30580	U-01193	Ute Surface	1815' FNL & 1822' FWL	SENE	Sec. 13-9S-21E	Natural Buttes	Uintah
CIGE 71	43-047-30636	U-0575	Ute Surface	1894' FSL & 804' FEL	NESE	Sec. 20-9S-21E	Natural Buttes	Uintah
CIGE 78C	43-047-30870	U-38409	Ute Tribe	1279' FNL & 1477' FWL	NENW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 86D	43-047-30886	ML-3282	Ute Tribe	1080' FSL & 1558' FEL	SWSE	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 99D	43-407-31223	U-01189-ST	N/A	760' FNL & 1980' FEL	NWNE	Sec. 26-9S-21E	Natural Buttes	Uintah
CIGE 110	43-047-31959	UTU-0575B	Ute Surface	553' FSL & 2016' FEL	SWSE	Sec. 7-9S-21E	Natural Buttes	Uintah
CIGE 111D	43-047-32305	U-01193	Ute Surface	1041' FSL & 2265' FWL	SESW	Sec. 13-9S-21E	Natural Buttes	Uintah
CIGE 112D	43-047-31945	UTU-0581	N/A	660' FSL & 660' FEL	SESE	Sec. 19-9S-20E	Natural Buttes	Uintah
CIGE 120	43-047-32251	UTU-0144868	Ute Tribe	883' FNL & 1142' FEL	NENE	Sec. 15-9S-20E	Natural Buttes	Uintah
CIGE 121	43-047-32252	UTU-0144868	N/A	1996' FNL & 1980' FEL	SWNE	Sec. 15-9S-20E	Natural Buttes	Uintah
CIGE 122	43-047-32098	UTU-0149767	Ute Surface	1064' FNL & 918' FEL	NENE	Sec. 7-9S-21E	Natural Buttes	Uintah
CIGE 125	43-047-32084	UTU-01193	Ute Surface	707' FNL & 635' FWL	NESW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 127	43-047-32036	ML-3141	Ute Tribe	2175' FSL & 2200' FWL	NESW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 142	43-047-31994	ML-01189	N/A	1461' FNL & 847' FEL	SENE	Sec. 25-9S-21E	Natural Buttes	Uintah
CIGE 156	43-047-32195	ML-3282	Ute Tribe	1776' FSL & 611' FEL	NESE	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 157	43-047-32160	UTU-38409	N/A	2200' FNL & 700' FWL	SWNW	Sec. 16-9S-21E	Natural Buttes	Uintah
CIGE 158	43-047-32158	UTU-0576	N/A	1980' FSL & 660' FEL	NESE	Sec. 21-9S-21E	Natural Buttes	Uintah
CIGE 163	43-047-32192	UTU-01193	Ute	1678' FNL & 803' FEL	SENE	Sec. 15-9S-21E	Natural Buttes	Uintah
CIGE 170	43-047-32403	U-01193	Ute Surface	632' FWL & 1775' FNL	SWNE	Sec. 14-9S-21E	Natural Buttes	Uintah
CIGE 171	43-047-32348	U-01095-A	Ute Tribe	377' FSL & 2008' FEL	SWSE	Sec. 15-9S-21E	Natural Buttes	Uintah
COGC 2	43-047-30967	U-0577-B	Ute Surface	802' FNL & 1902' FWL	NENW	Sec. 22-9S-20E	Natural Buttes	Uintah
NBU 6	43-047-30083	U-0149076	Ute Surface	1434' FEL & 1356' FSL	NWSE	Sec. 24-9S-21E	Natural Buttes	Uintah
NBU 42	43-047-31735	U-463	N/A	2181' FNL & 1621' FWL	SENE	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 45N	43-047-30875	U-0144868-B	N/A	1555' FSL & 792' FWL	SWSW	Sec. 12-9S-20E	Natural Buttes	Uintah
NBU 48N3	43-047-30538	U-0359	Ute	1866' FNL & 382' FWL	SWNW	Sec. 18-9S-22E	Natural Buttes	Uintah
NBU 49V	43-047-31249	U-463	N/A	1161' FNL & 2017' FEL	NWNE	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 52J	43-047-30850	U-463	N/A	2122' FSL & 754' FWL	NWSW	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 57N	43-047-30867	U-01194ST	N/A	570' FNL & 1925' FWL	NENW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 63N3	43-047-31097	U-14317	Ute Surface	1980' FNL & 660' FWL	SWNW	Sec. 12-9S-21E	Natural Buttes	Uintah
NBU 64N3	43-047-31098	U-0575-B	Ute Tribe	1975' FSL & 751' FEL	NESE	Sec. 8-9S-21E	Natural Buttes	Uintah
NBU 78	43-047-31762	U-463	N/A	1239' FNL & 625' FWL	NWNW	Sec. 30-9S-22E	Natural Buttes	Uintah

Well Name	API No.	Lease Designation & serial number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Location	Field	County
NBU 83J	43-047-31235	U-01194-A-ST	N/A	1532' FSL & 1835' FWL	NESW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 104	43-047-31957	ML-3282	Ute Surface	1181' FNL & 986' FEL	SENE	Sec. 16-9S-21E	Natural Buttes	Uintah
NBU 106	43-047-31946	UTU-0576	N/A	1980' FSL & 1980' FWL	NESW	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 110	43-047-31924	UTU-0576	N/A	637' FNL & 698' FEL	NENE	Sec. 28-9S-21E	Natural Buttes	Uintah
NBU 119	43-047-31927	UTU-01416A	N/A	603' FNL & 528' FEL	NENE	Sec. 15-10S-21E	Natural Buttes	Uintah
NBU 121Y	43-047-32086	UTU-01193	Ute Surface	819' FNL & 2163' FEL	NWNE	Sec. 13-9S-21E	Natural Buttes	Uintah
NBU 122	43-047-32303	U-01193	Ute Tribe	1047' FSL & 678' FEL	NESE	Sec. 13-9S-21E	Natural Buttes	Uintah
NBU 124	43-047-31971	ML-3282	Ute Tribe	435' FNL & 2295' FEL	NWNE	Sec. 16-9S-21E	Natural Buttes	Uintah
NBU 125	43-047-32350	U-0575	N/A	760' FEL & 620' FSL	SESE	Sec. 17-9S-21E	Natural Buttes	Uintah
NBU126	43-047-32349	U-0576	N/A	2200' FWL & 1600' FNL	SENE	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 127	43-047-31963	UTU-0576	Ute Tribe	2285' FNL & 741' FWL	SWNW	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 128	43-047-31964	UTU-0576	Ute Surface	996' FSL & 951' FWL	SWSW	Sec. 21-9S-21E	Natural Buttes	Uintah
NBU 129	43-047-31965	UTU-010950A	Ute Tribe	2055' FNL & 569' FEL	SENE	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 130	43-047-31967	UTU-0147566	N/A	2159' FNL & 828' FWL	SWNW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 133	43-047-31978	ML-22582	N/A	469' FSL & 1740' FEL	SWSE	Sec. 35-9S-21E	Natural Buttes	Uintah
NBU 144	43-047-32022	ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	Sec. 2-10S-22E	Natural Buttes	Uintah
NBU 145	43-047-31976	ST-U-01194A	N/A	661' FNL & 1440' FEL	NWNE	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 175	43-047-32143	U-0576	N/A	1902' FWL & 658' FNL	SWNW	Sec. 28-9S-21E	Natural Buttes	Uintah
NBU 176	43-047-32144	U-0576	N/A	2071' FNL & 604' FWL	SWNW	Sec. 28-9S-21E	Natural Buttes	Uintah
NBU 177	43-047-32112	UTU-0581	N/A	1855' FSL & 760' FEL	NESE	Sec. 29-9S-21E	Natural Buttes	Uintah
NBU 178	43-047-32121	UTU-0581	N/A	466' FNL & 1781' FEL	NWNE	Sec. 30-9S-21E	Natural Buttes	Uintah
NBU 181	43-047-32161	UTU-0576	Ute Tribe	503' FSL & 1849' FWL	SESW	Sec. 9-9S-21E	Natural Buttes	Uintah
NBU 183	43-047-32122	U-01194A	N/A	2014' FNL & 646' FWL	SWNW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 184	43-047-32170	UTU-0463	N/A	541' FSL & 1778' FWL	SESW	Sec. 30-9S-22E	Natural Buttes	Uintah
NBU 191	43-047-32298	U-010950-A	N/A	694' FSL & 383' FWL	SWSW	Sec. 15-9S-21E	Natural Buttes	Uintah
NBU 192	43-047-32299	U-0147566	N/A	753' FNL & 2013' FWL	NENW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 193	43-047-32300	U-010950-A	N/A	660' FSL & 660' FWL	SWSW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 194	43-047-32296	U-010959-A	N/A	1765' FSL & 1709' FWL	NESW	Sec. 22-9S-21E	Natural Buttes	Uintah
NBU 195	43-047-32355	U-014137	N/A	700' FNL & 2000' FEL	NWNE	Sec. 11-9S-21E	Natural Buttes	Uintah
NBU 199	43-047-32337	U-0576-A	Ute Surface	369' FWL & 460' FSL	SWSW	Sec. 9-9S-21E	Natural Buttes	Uintah
NBU 202	43-047-32338	U-0149767	N/A	900' FNL & 600' FEL	NENE	Sec. 8-9S-21E	Natural Buttes	Uintah
NBU 214	43-047-32466	U-01194A-ST	N/A	1945' FSL & 600' FWL	NWSW	Sec. 27-9S-21E	Natural Buttes	Uintah
NBU 312-2E	43-047-32288	ML-21510	Ute Surface	1181' FSL & 1992' FEL	SWSE	Sec. 2-9S-21E	Natural Buttes	Uintah
NBU 36Y	43-047-30603	U-0581	N/A	1545' FNL & 1250' FEL	SENE	Sec. 30-9S-21E	Natural Buttes	Uintah
NBU 166	43-047-32065	UTU-0576	N/A	941' FSL & 1693' FEL	SWSE	Sec. 28-9S-21E	Natural Buttes	Uintah

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



State of Delaware  
Office of the Secretary of State

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

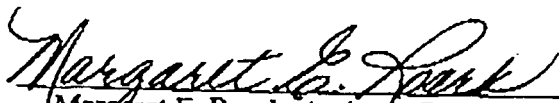
IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

**DIVISION OF  
OIL, GAS AND MINING**

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

#### Name Change Recognized

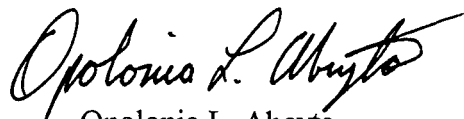
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah~~ DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** MergerThe operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit: NATURAL BUTTES

## WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 306-18E	43-047-32282	2900	18-09S-21E	FEDERAL	GW	P
CIGE 201-18-9-21	43-047-32804	2900	18-09S-21E	FEDERAL	GW	P
NBU 382-18E	43-047-33064	2900	18-09S-21E	FEDERAL	GW	P
NBU CIGE 6-19-9-21	43-047-30356	2900	19-09S-21E	FEDERAL	GW	P
CIGE 112D-19-9-21	43-047-31945	2900	19-09S-21E	FEDERAL	GW	P
CIGE 131-19-9-21	43-047-32029	2900	19-09S-21E	FEDERAL	GW	P
CIGE 130-19-9-21	43-047-32030	2900	19-09S-21E	FEDERAL	GW	P
CIGE 218-19-9-21	43-047-32921	2900	19-09S-21E	FEDERAL	GW	P
NBU 483-19E	43-047-33065	2900	19-09S-21E	FEDERAL	GW	P
NBU 25-20B	43-047-30363	2900	20-09S-21E	FEDERAL	GW	P
CIGE 70-20-9-21	43-047-30636	2900	20-09S-21E	FEDERAL	GW	P
NBU 309-20E	43-047-32283	2900	20-09S-21E	FEDERAL	GW	P
CIGE 183-20-9-21	43-047-32656	2900	20-09S-21E	FEDERAL	GW	P
NBU CIGE 46-21-9-21	43-047-30529	2900	21-09S-21E	FEDERAL	GW	P
NBU CIGE 37D-21-9-21	43-047-30910	2900	21-09S-21E	FEDERAL	GW	P
CIGE 113D-21-9-21	43-047-31944	2900	21-09S-21E	FEDERAL	GW	P
NBU 106	43-047-31946	2900	21-09S-21E	FEDERAL	GW	P
NBU 127	43-047-31963	2900	21-09S-21E	FEDERAL	GW	P
NBU 128	43-047-31964	2900	21-09S-21E	FEDERAL	GW	P
CIGE 158-21-9-21	43-047-32158	2900	21-09S-21E	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/31/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/31/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

*Debby J. Black*  
Debby J. Black  
Engineer Technician

Encl:





United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

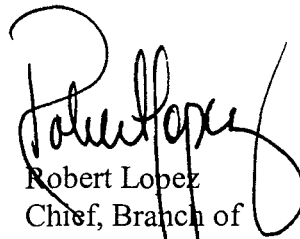
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

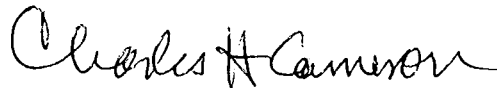
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





# United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

**FEB 10 2003**

IN REPLY REFER TO:

**Real Estate Services**

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  <small>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</small>		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Exhibit "A"	9. API NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		PHONE NUMBER: (832) 676-5933
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

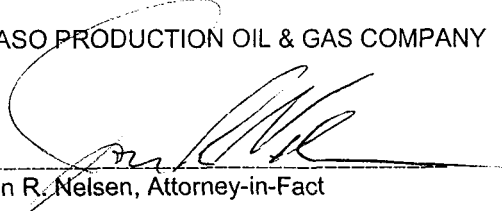
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

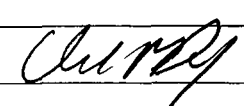
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE	Agent and Attorney-in-Fact
NAME (PLEASE PRINT)	David R. Dix	DATE	12/17/02
SIGNATURE			

(This space for State use only)

Form 3160-3  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would enable the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02****FROM: (Old Operator):**

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA

HOUSTON, TX 77064-0995

Phone: 1-(832)-676-5933

Account No. N1845

**TO: ( New Operator):**

WESTPORT OIL &amp; GAS COMPANY LP

Address: P O BOX 1148

VERNAL, UT 84078

Phone: 1-(435)-781-7023

Account No. N2115

CA No.

Unit:

NATURAL BUTTES

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 275	09-09S-21E	43-047-32905	2900	FEDERAL	GW	S
CIGE 129	18-09S-21E	43-047-32043	2900	FEDERAL	GW	P
CIGE 46	21-09S-21E	43-047-30529	2900	FEDERAL	GW	P
CIGE 37D	21-09S-21E	43-047-30910	2900	FEDERAL	GW	P
CIGE 113D	21-09S-21E	43-047-31944	2900	FEDERAL	GW	P
NBU 127	21-09S-21E	43-047-31963	2900	FEDERAL	GW	P
NBU 128	21-09S-21E	43-047-31964	2900	FEDERAL	GW	P
CIGE 158	21-09S-21E	43-047-32158	2900	FEDERAL	GW	P
NBU 126	21-09S-21E	43-047-32349	2900	FEDERAL	GW	P
CIGE 202	21-09S-21E	43-047-32805	2900	FEDERAL	GW	P
NBU 255	21-09S-21E	43-047-32806	2900	FEDERAL	GW	P
CIGE 233	21-09S-21E	43-047-33022	2900	FEDERAL	GW	P
NBU 300	21-09S-21E	43-047-33023	2900	FEDERAL	GW	P
NBU 192	22-09S-21E	43-047-32299	2900	FEDERAL	GW	P
NBU 193	22-09S-21E	43-047-32300	2900	FEDERAL	GW	P
NBU 273	22-09S-21E	43-047-32906	2900	FEDERAL	GW	P
CIGE 208	08-10S-21E	43-047-32997	2900	FEDERAL	GW	P
NBU 20-1B	01-10S-22E	43-047-30319	2900	FEDERAL	GW	S
NBU 335	04-10S-22E	43-047-33724	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_



6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/24/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/24/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. Multiple Wells - see attached
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.	6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 1148 VERNAL, UT 84078	7. If Unit or CA/Agreement, Name and/or No. 891008900A
3b. Phone No. (include area code) (435) 781-	8. Well Name and No. Multiple Wells - see attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple Wells - see attached	9. API Well No. Multiple Wells - see attached
	10. Field and Pool, or Exploratory Area Natural Buttes Unit
	11. County or Parish, State Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) J.T. Conley	Title Operations Manager	SEP 10 2003
Signature <i>J.T. Conley</i>	Initials JTC	Date 9-2-2003
THIS SPACE FOR FEDERAL OR STATE USE		
Approved by	Title Accepted by the Utah Division of Oil, Gas and Mining	Date 9/16/03
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

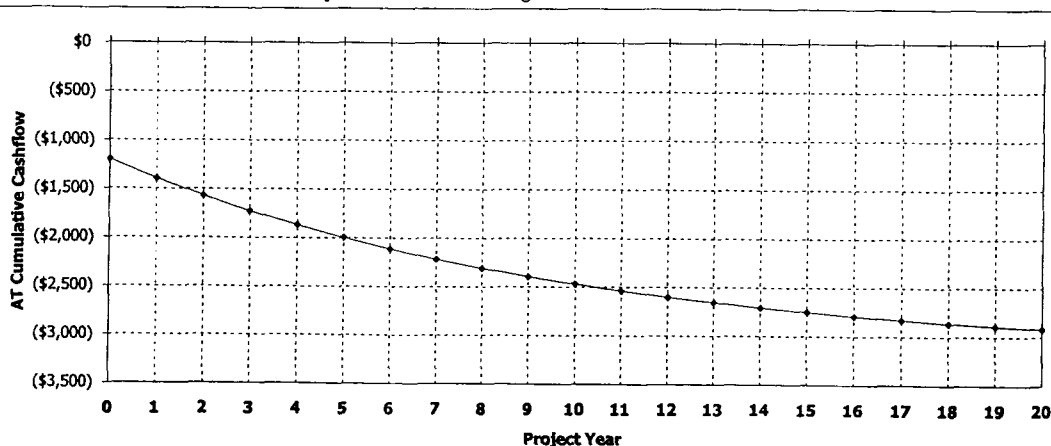
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

NBU 076	30-9-22 NWNW	U463	891008900A	430473176200S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	430473124000S1
NBU 081V	35-9-22 SWNW	U01194	891008900A	430473123200S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	430473123500S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	430473124500S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	430473124600S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	430473125100S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	430473125000S1
NBU 088V	26-9-21 NENE	U01194	891008900A	430473123300S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	430473175300S1
NBU 097	25-9-21 NENW	U01189	891008900A	430473174400S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	430473132700S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	430473174500S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	430473175500S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	430473175700S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	430473511100S1 ✓
NBU 1021-20	2-10-21 SWSE	ML13826	891008900A	430473511000S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	430473195600S1
NBU 104	16-9-21 SENE	ML3282	891008900A	430473195700S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	430473230200S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	430473194600S1
NBU 107	26-9-21 SENW	U01194	891008900A	430473191600S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	430473195800S1
NBU 109	27-9-21 SENE	U01194A	891008900A	430473191700S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	430473192400S1
NBU 111	25-9-21 SWNW	U01194	891008900A	430473192000S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	430473193000S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	430473193100S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	430473192300S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	430473192900S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	430473192500S1
NBU 117	10-10-22 NENE	U01197A	891008900A	430473191400S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	430473196900S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	430473197300S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	430473197200S1
NBU 121	13-9-21 NWNE	U01193	891008900A	430473208600S1
NBU 122	13-9-21 SESE	U01193	891008900A	430473230300S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	430473197400S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	430473197100S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	430473235000S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	430473234900S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	430473196300S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	430473196400S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	430473196500S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	430473196700S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	430473196600S1
NBU 132	26-9-21 NWNW	U01194	891008900A	430473193800S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	430473195000S1
NBU 134	28-9-21 SWSW	U05676	891008900A	430473201100S1
NBU 136	19-9-22 SWSE	UTU0284	891008900A	430473196800S1
NBU 137	30-9-22 SESE	ML22935	891008900A	430473193900S1 ✓
NBU 138A	33-9-22 SENE	UTU01191A	891008900A	430473215100S1
NBU 139	14-10-21 SWNE	UTU465	891008900A	430473194800S1
NBU 140	5-10-22 NWNE	UTU01191A	891008900A	430473194700S1
NBU 141	6-10-22 SENW	UTU464	891008900A	430473201700S1
NBU 142	10-10-22 NESE	UTU025187	891008900A	430473201300S1
NBU 143	10-9-21 SWNE	U0141315	891008900A	430473229700S1
NBU 144	23-9-21 NWNW	UTU0149075	891008900A	430473204400S1
NBU 145	27-9-21 NWNE	U01194A	891008900A	430473197600S1 ✓
NBU 146	14-10-21 SWNW	UTU465	891008900A	430473198500S1
NBU 147	4-10-22 NWSW	UTU01191	891008900A	430473198400S1
NBU 148	4-10-22 SESW	UTU01191	891008900A	430473198300S1

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

WELL NAME

SEC TWN RNG

API NO

ENTITY  
NO

LEASE  
TYPE

WELL  
TYPE

WELL  
STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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OMB No. 1004-0135  
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5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

ENV. OF CALIF., CAC 2-111113

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW/NW SEC. 21, T9S, R21E 2285'FNL, 741'FWL**

5. Lease Serial No.

**UTU-0576**

6. If Indian, Allottee or Tribe Name

**TRIBAL SURFACE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 127**

9. API Well No.

**4304731963**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO DEEPEN THE SUBJECT WELL LOCATION.  
IN ORDER TO COMPLETE THE WASATCH AND MESAVERDE FORMATION.  
THE OPERATOR PLANS TO DRILL ON THE LOCATION NO LARGER THAN THE ORIGINALLY APPROVED  
SURFACE DISTURBANCE. THE OPERATOR WILL UTILIZE THE EXISTING RIGHTS-OF-WAYS FOR  
WELL SITE, PIPELINES AND ACCESS ROADS.

PLEASE REFER TO THE ATTACHED 10 PT, DRILLING PROGRAM AND MAPS OF THE WELL  
LOCATION.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Signature

Title

**SENIOR LAND ADMIN SPECIALIST**

Date

**January 24, 2007**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

**BRADLEY G. HILL**

Date

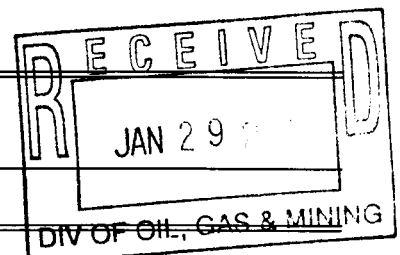
**01-31-07**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

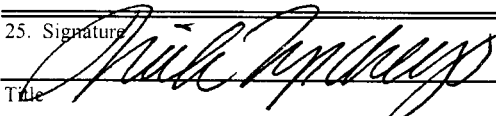
FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-0576</b>
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>TRIBAL SURFACE</b>
2. Name of Operator <b>KERR McGEE OIL &amp; GAS ONSHORE LP</b>		7. If Unit or CA Agreement, Name and No. <b>UNIT #891008900A</b>
3A. Address <b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7024</b>	8. Lease Name and Well No. <b>NBU 127</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>SW/NW 2285'FNL, 741'FWL</b> At proposed prod. Zone		9. API Well No. <b>4304731963</b>
14. Distance in miles and direction from nearest town or post office* <b>6 MILES SOUTHEAST OF OURAY, UTAH</b>		10. Field and Pool, or Exploratory <b>NATURAL BUTTES</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>741'</b>	16. No. of Acres in lease <b>1480.00</b>	11. Sec., T., R., M., or Blk. and Survey or Area <b>21 21</b> <b>SEC. 18, T9S, R22E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>REFER TO TOPO C</b>	17. Spacing Unit dedicated to this well <b>80.00</b>	12. County or Parish <b>UINTAH</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4837'GR</b>	19. Proposed Depth <b>9800</b>	13. State <b>UTAH</b>
20. BLM/BIA Bond No. on file <b>BOND NO: WYB000291</b>		
22. Approximate date work will start*		23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) <b>SHEILA UPCHEGO</b>	Date <b>1/24/2007</b>
Title <b>SENIOR LAND ADMIN SPECIALIST</b>		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

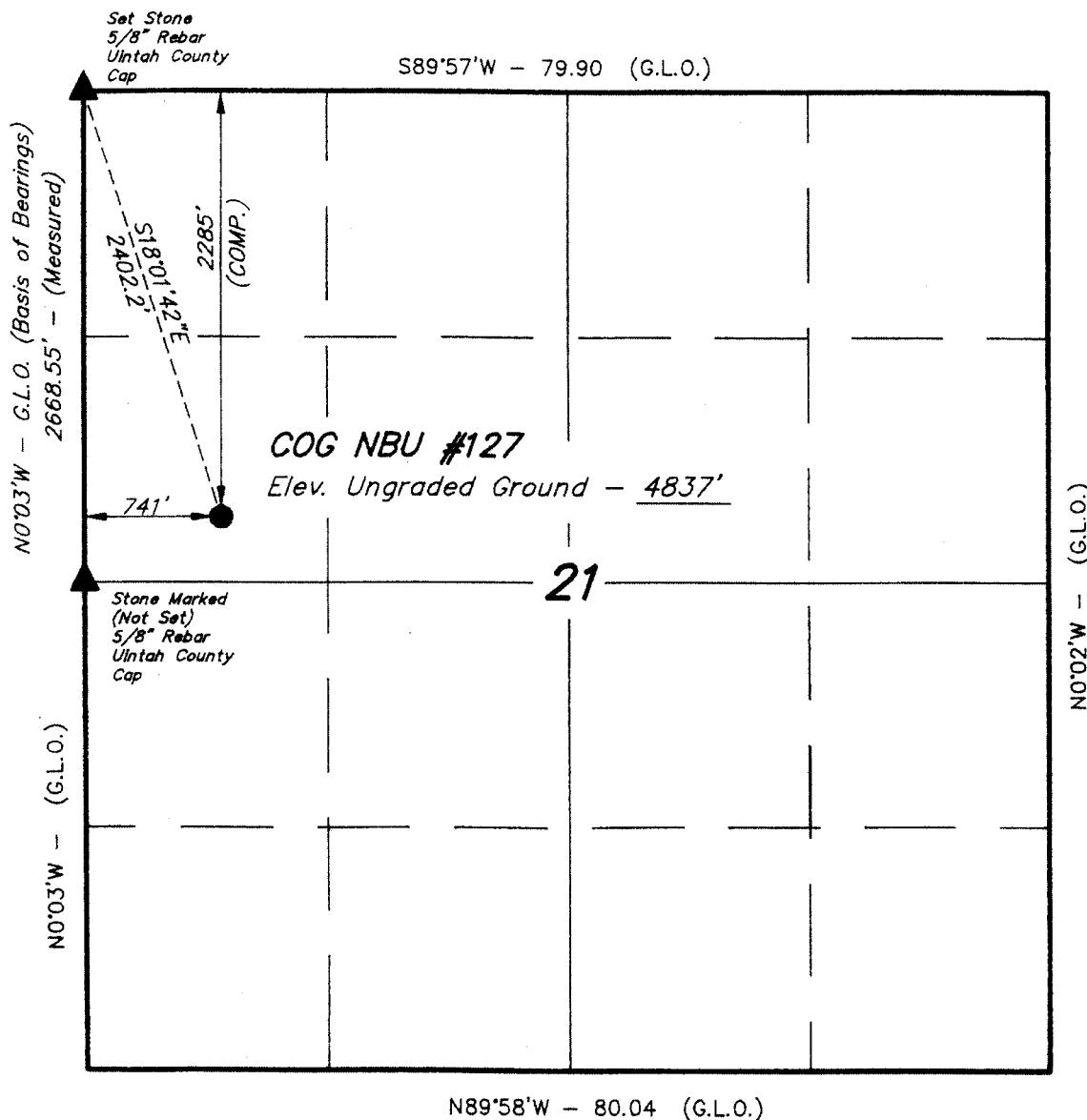
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED  
JAN 29 2007  
DIV. OF OIL, GAS & MINING

**T9S, R21E, S.L.B.&M.**



▲ = SECTION CORNERS LOCATED.

## Kerr-McGee Oil & Gas Onshore LP

Well location, COG NBU #127, located as shown in the SW 1/4 NW 1/4 of Section 21, T9S, R21E, S.L.B.&M. Uintah County, Utah.

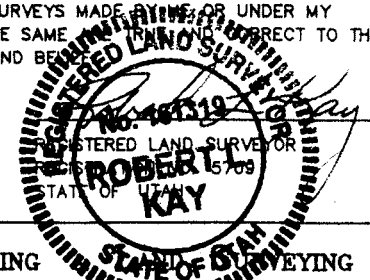
### BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 21, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4867 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 01-24-07 S.L.

**UINTAH ENGINEERING**  
P. O. BOX 1758 - 85 SOUTH 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 1-17-91
PARTY J.F. R.A. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP

NBU 127  
SWNW SECTION 21, T9S, R21E  
UINTAH COUNTY, UTAH  
U-0576

ONSHORE ORDER NO. 1

***DRILLING PROGRAM (DEEPENING)***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Wasatch	0-Surface
Green River	1630'
Wasatch	4978'
Mesaverde	7930'
MVU21	8878'
MVL1	9460'
TD	9800'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Mesaverde	7930'
Gas	MVU21	8878'
Gas	MVL1	9460'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

*Please refer to the attached Drilling Program.*

4. **Proposed Casing & Cementing Program:**

*Please refer to the attached Drilling Program.*

5. **Drilling Fluids Program:**

*Please refer to the attached Drilling Program.*

6. **Evaluation Program:**

*Please refer to the attached Drilling Program.*

7. **Abnormal Conditions:**

Maximum anticipated Bottomhole Pressure calculated at **9800' TD**, approximately equals **5860 psi**  
(Mud Weight X .052 psi/ft X Total Depth)

Maximum anticipated surface pressure equals approximately **3704 psi**  
(Bottomhole Pressure minus the pressure of a partially evacuated hole calculated at **0.22 psi/foot**).

8. **Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

9. **Variances:**

*Please refer to the attached Drilling Program.*

10. **Other Information:**

*Please refer to the attached Drilling Program.*





**KERR-McGEE OIL & GAS ONSHORE LP**  
**DRILLING PROGRAM (DEEPENING)**

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	January 24, 2007		
WELL NAME	NBU 127	TD	9,800'	MD/TVD	
FIELD	Natural Buttes	COUNTY	Uintah	STATE	Utah
				ELEVATION	4,837' GL KB 4,848'
SURFACE LOCATION	SESWNW SECTION 21, T9S, R21E 2285'FNL, 741'FWL				BHL Straight Hole
	Latitude:	Longitude:		API	43047319630000
OBJECTIVE ZONE(S)	Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: UDOGM, (SURF & MINERALS), BLM, Tri-County Health Dept.				

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'			
	8-5/8" SHOE @	264' MD	12-1/4"	8-5/8", 24.0#, K-55, STC	
	Green River @	1,630'			
	Wasatch @	4,978'	7-7/8"	5-1/2", 17.0#, K-55 LTC	
	5-1/2" SHOE @	6,623' MD			
	Mverde @	7,930'			
	MVU21 @	8,878'			
	MVL1 @	9,460'			
	TD @	9,800'			
			4-3/4"	3-1/2", 9.2#, P-110 8RD (6550' - SURF)	
				3-1/2", 9.2#, P-110 HYDRIL 511 (TD - 6550')	
					Fresh Water
					Polymer Mud
					9.8-11.5 ppg
					Max anticipated
					Mud required
					11.5 ppg



# KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

## CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR								
SURFACE								
PRODUCTION	3-1/2"	0 to 6550	9.20	P-110	8rd-LTC	13330	13050	208800
	3-1/2"	6550 to TD	9.20	P-110	HYD 511	2.27	3.52	2.81

1) Max Anticipated Surf. Press. (MASP) = (.052 x MW x TD) - (0.22 psi/ft-partial evac gradient x TD)  
 (Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore  
 (Collapse Assumption: Partially Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)  
 MASP 3704 psi

## CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
PRODUCTION	LEAD	5100	Halliburton Hi-Fill	85	0%	11.00	3.84
	TAIL	4700	50/50 Poz Premium 0.3% Super CBL (Expander) 0.3% Halad ® -344 (Low Fluid Loss Control) 0.3% HR-5 (Retarder) 0.2% CFR-3 (Cement Material) 3% (Total) Bentonite (Light Wt. Additive)	205	10%	13.50	1.45

\*Caliper plus 10% excess for TAIL

## FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

## ADDITIONAL INFORMATION

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.  
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

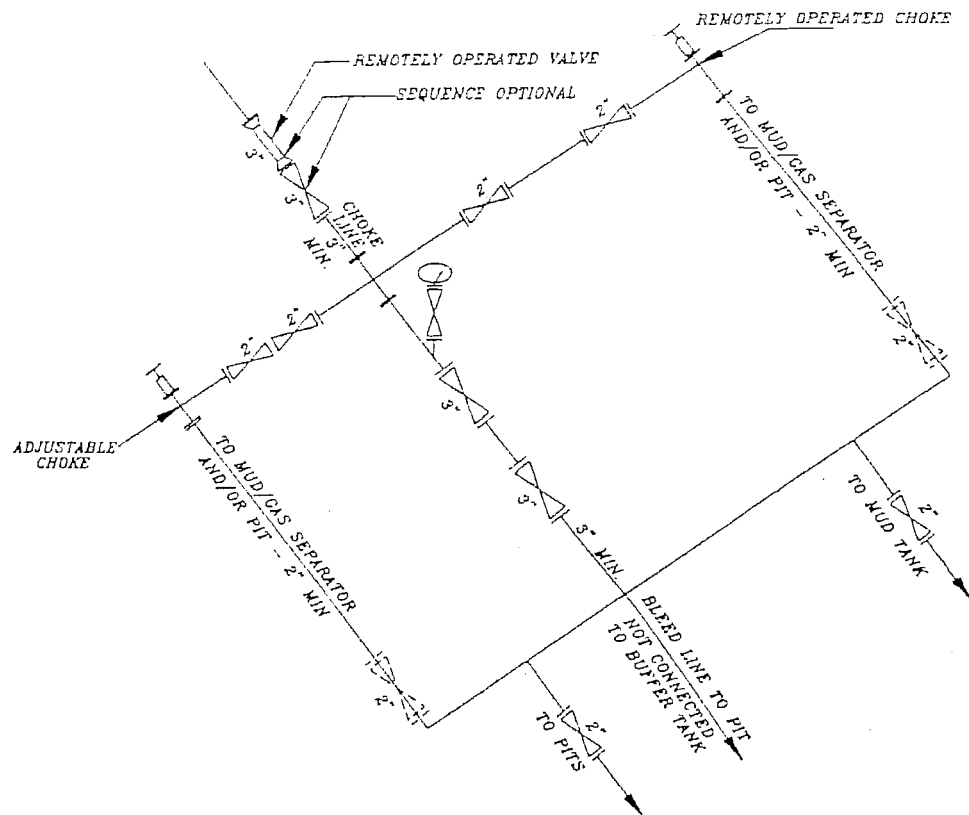
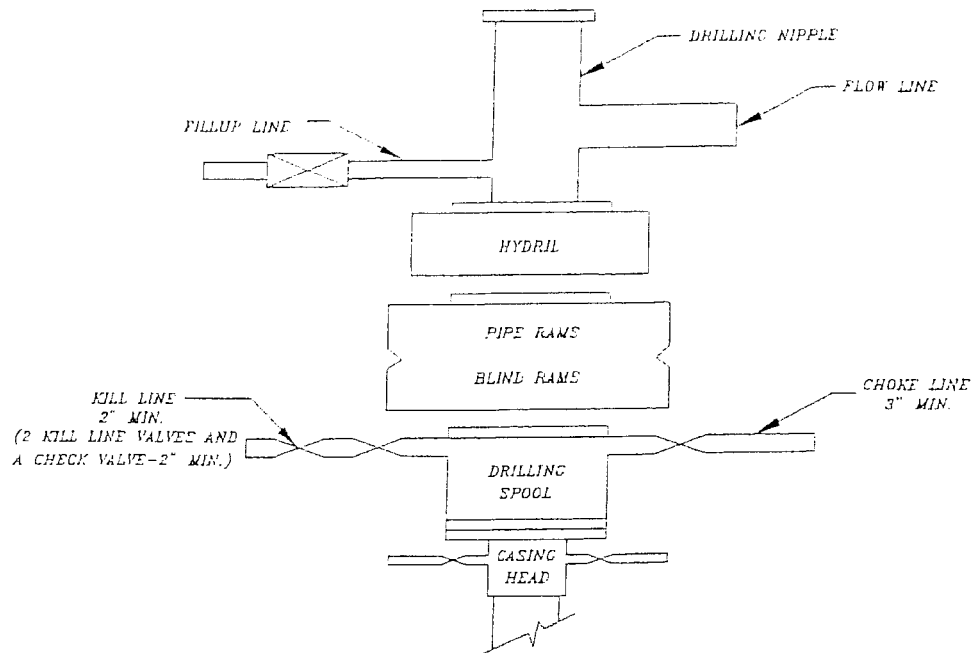
DRILLING ENGINEER: \_\_\_\_\_  
 Keith Brents

DATE: \_\_\_\_\_

DRILLING SUPERINTENDENT: \_\_\_\_\_  
 Russ Branting

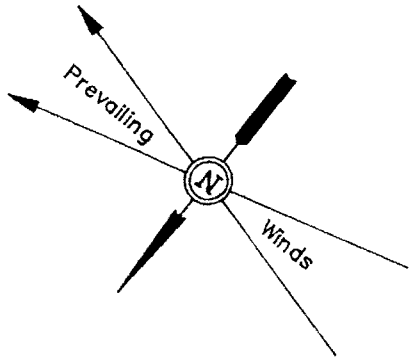
DATE: \_\_\_\_\_

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM

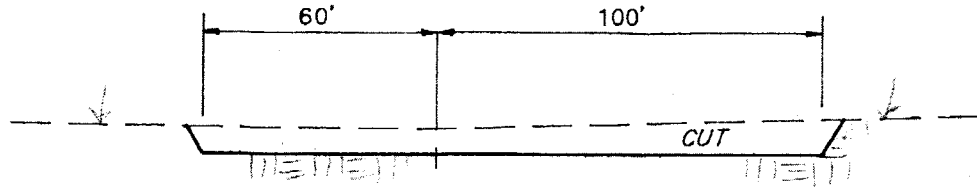
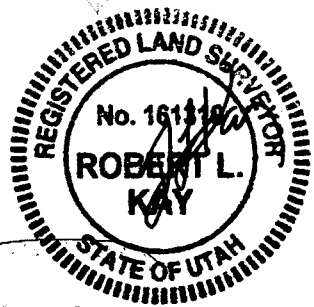


Kerr-McGee Oil & Gas Onshore LP

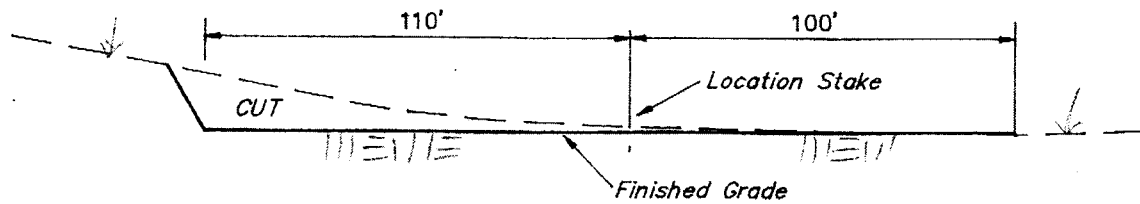
LOCATION LAYOUT FOR  
NBU #127  
SECTION 21, T9S, R21E, S.L.B.&M.



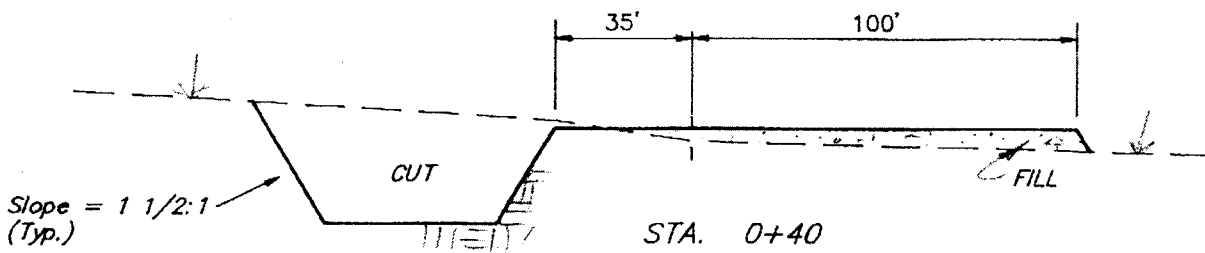
SCALE: 1" = 50'  
DATE: 1-1-91  
Drawn By: J.R.S.  
REVISED: 01-24-07 S.L.



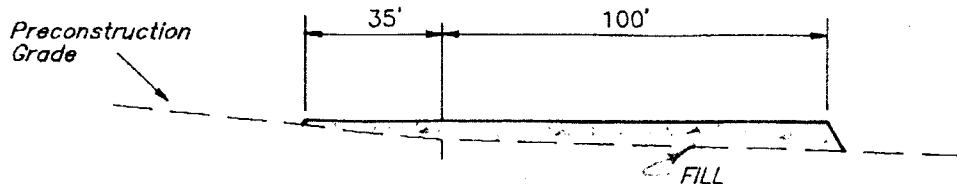
STA. 3+25



STA. 1+50



STA. 0+40



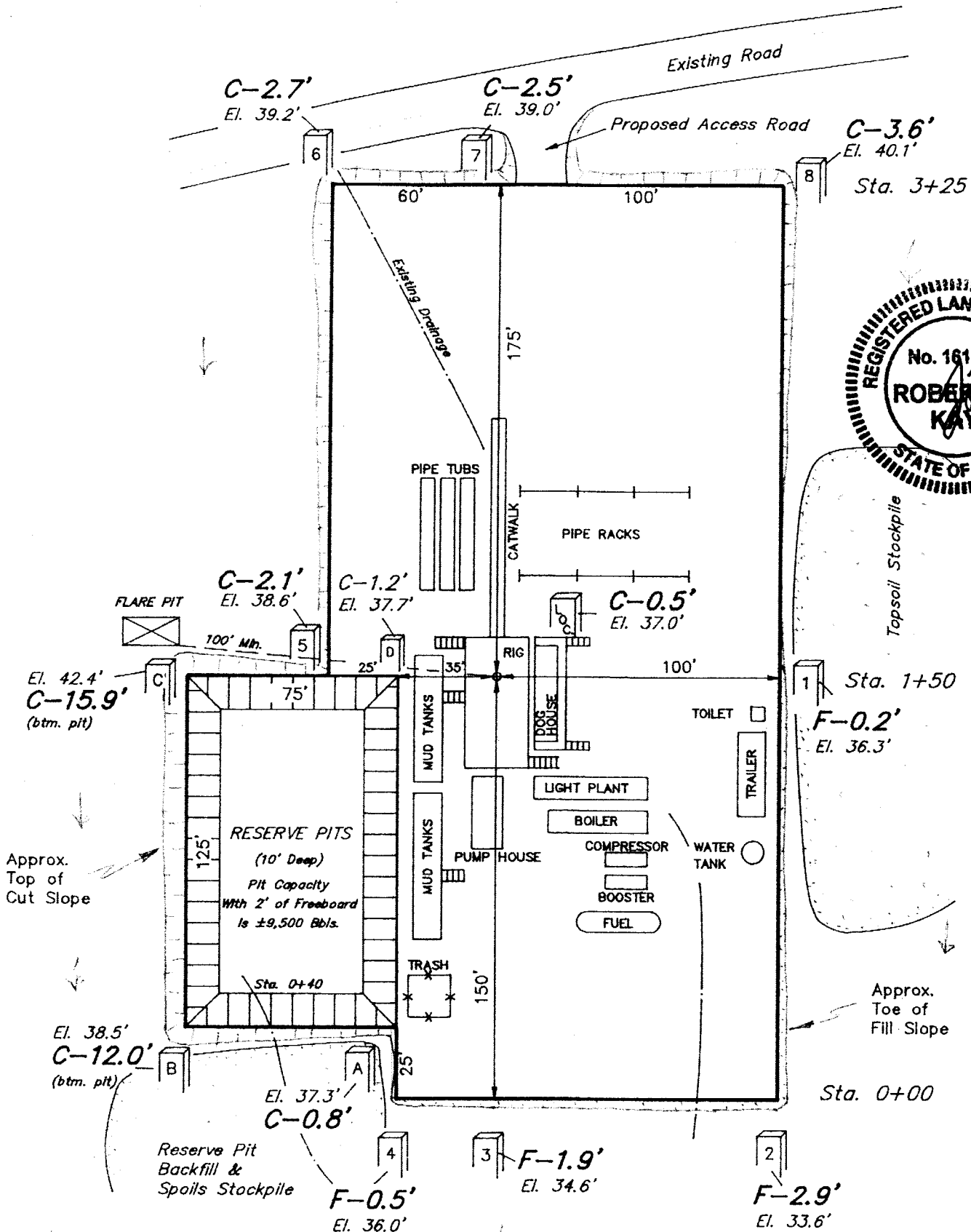
STA. 0+00

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4837.0'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4836.5'

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah



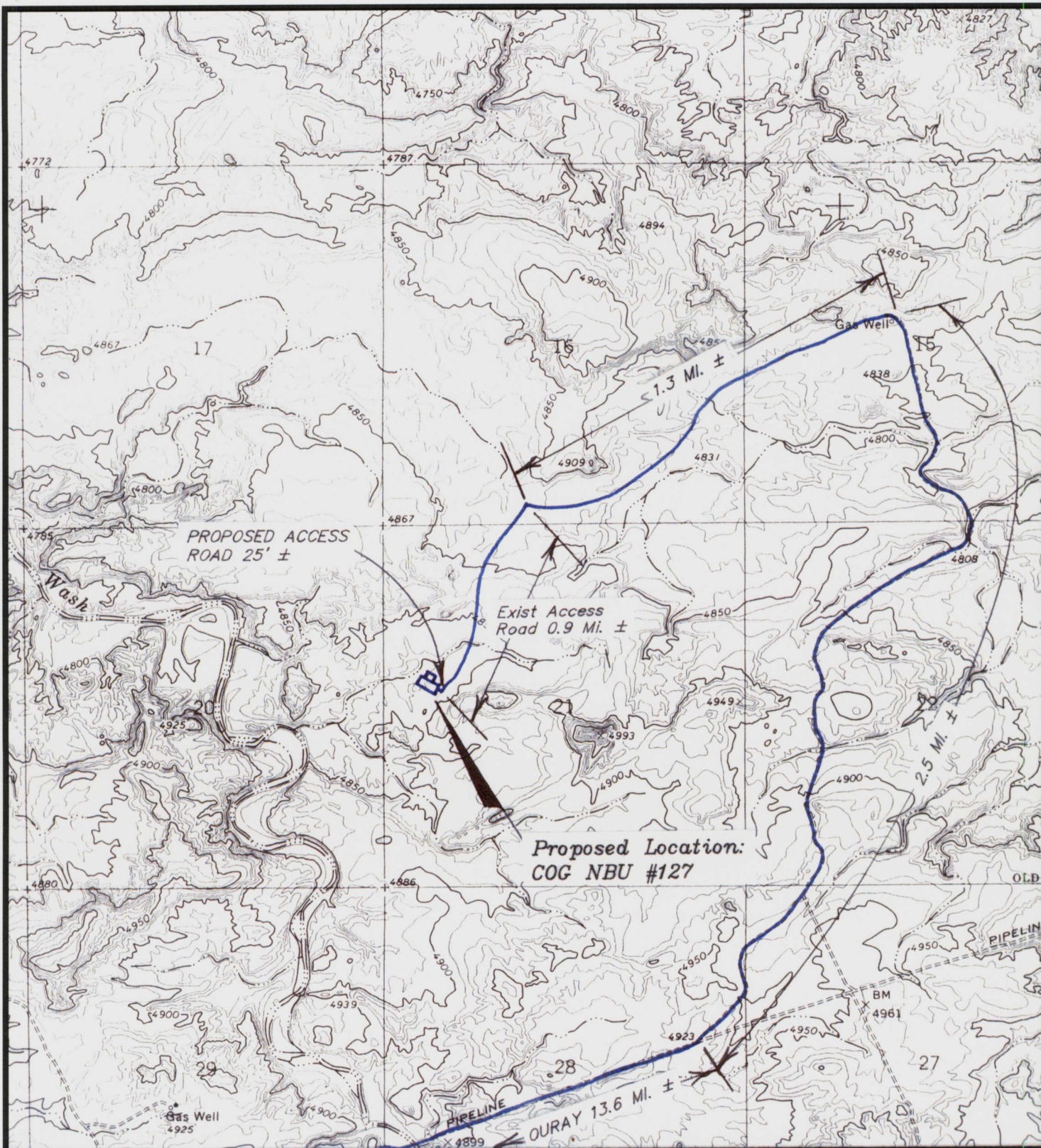
APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,130 Cu. Yds.
Remaining Location	= 4,140 Cu. Yds.
TOTAL CUT	= 6,270 CU.YDS.
FILL	= 1,680 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,500 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,350 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,150 Cu. Yds.







**Kerr-McGee Oil & Gas Onshore LP**



**NBU #127**

**SECTION 21, T9S, R21E, S.L.B.&M.**

**2285' FNL 741' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

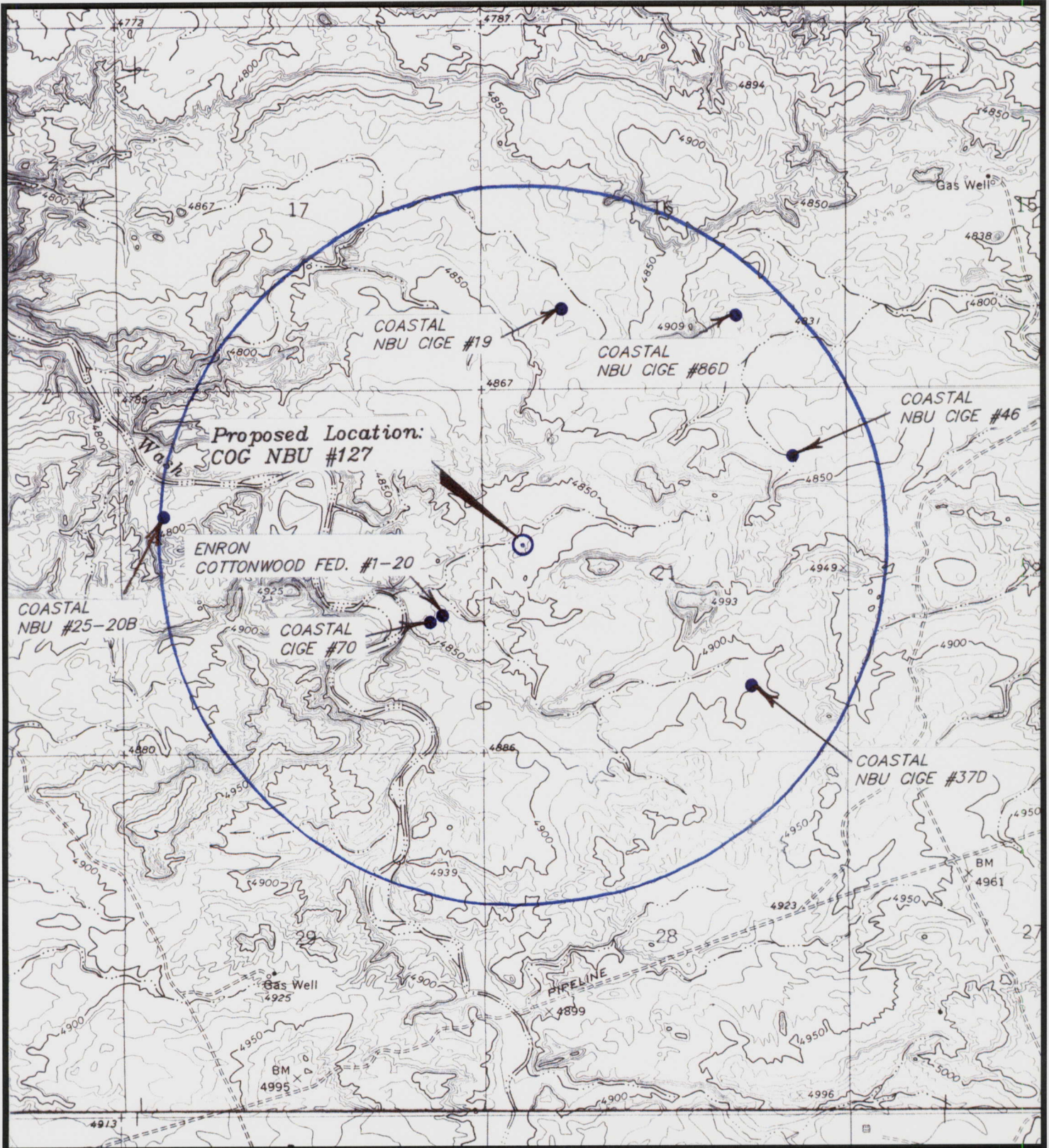
**TOPOGRAPHIC  
 MAP**

**01 07 91**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: R.E.H. REV: 01-24-07 S.L.







**Kerr-McGee Oil & Gas Onshore LP**



**NBU #127**  
**SECTION 21, T9S, R21E, S.L.B.&M.**  
**2285' FNL 741' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**01 07 91**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: R.E.H. REV: 01-24-07 S.L.







**APPROXIMATE TOTAL PIPELINE DISTANCE = 811' +/-**

**Kerr-McGee Oil & Gas Onshore LP**

**NBU #127**

**SECTION 21, T9S, R21E, S.L.B.&M.**

**2285' FNL 741' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
 MAP**

**01 07 91**  
 MONTH DAY YEAR

**SCALE: 1" = 1000' DRAWN BY: R.E.H. REV: 01-24-07 S.L.**





1. ~~Large~~ ~~with~~ ~~oil~~ ~~shale~~

CIG 180

T9S R21E

NBU 300

# NATURAL BUTTES FIELD NATURAL BUTTES UNIT

CAUSE: 173-14 / 12-2-1999

NBU 126

CIG 233

CIG 46

NBU 126

NATURAL  
COTTON 32-21

NBU 55

CIG 113D  
111D-21-9-21

CIG 113D

NBU 127

21

CIG 288

NBU 106

CIG 158

NATURAL  
COTTON 34-21

NBU 128

CIG 37D

CIG 202

NBU 255

NBU 307

NBU 110  
NBU 103

NBU 95

OPERATOR: KERR-MCGEE O&G (N2995)

SEC: 21 T.9S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

## Field Status

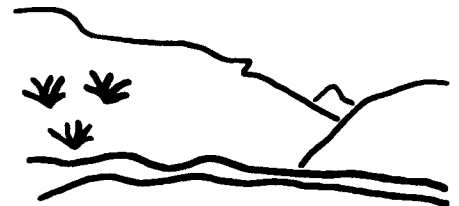
- ☐ ABANDONED
- ☐ ACTIVE
- ☐ COMBINED
- ☐ INACTIVE
- ☐ PROPOSED
- ☐ STORAGE
- ☐ TERMINATED

## Unit Status

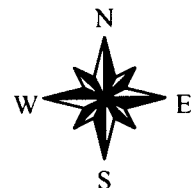
- ☐ EXPLORATORY
- ☐ GAS STORAGE
- ☐ NF PP OIL
- ☐ NF SECONDARY
- ☐ PENDING
- ☐ PI OIL
- ☐ PP GAS
- ☐ PP GEOTHERML
- ☐ PP OIL
- ☐ SECONDARY
- ☐ TERMINATED

## Wells Status

- ☐ GAS INJECTION
- ☐ GAS STORAGE
- ☐ LOCATION ABANDONED
- ☐ NEW LOCATION
- ☐ PLUGGED & ABANDONED
- ☐ PRODUCING GAS
- ☐ PRODUCING OIL
- ☐ SHUT-IN GAS
- ☐ SHUT-IN OIL
- ☐ TEMP. ABANDONED
- ☐ TEST WELL
- ☐ WATER INJECTION
- ☐ WATER SUPPLY
- ☐ WATER DISPOSAL
- ☐ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 31-JANUARY-2007



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 31, 2007

Kerr-McGee Oil & Gas Onshore LP  
1368 S 1200 E  
Vernal, UT 84078

Re: Natural Buttes Unit 127 Well (Deepen), 2285' FNL, 741' FWL, SW NW,  
Sec. 21, T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-31963.

Sincerely,

Gil Hunt  
Associate Director

mf  
Enclosures

cc: Uintah County Assessor (via e-mail)  
Bureau of Land Management, Vernal District Office

**Location:** SW NW      **Sec.** 21      **T.** 9 South      **R.** 21 East

## 1. General

## 2. Notification Requirements

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dustin Doucet

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

- Dan Jarvis at: (801) 538-5338 office  
(801) 733-0983 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office  
(801) 733-0983 home

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NW SEC. 21, T9S, R21E 2285'FNL, 741'FWL

5. Lease Serial No.

UTU-0576

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 127

9. API Well No.

4304731963

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE BOP LAYOUT FROM THE CHOKE  
AND KILL LINES COMING OFF A DRILLING SPOOL TO COMING OFF OF THE BOTTOM OF THE BOP.

PLEASE REFER TO THE ATTACHED REVISED BOP SCHEMATIC

RECEIVED

JUN 05 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

May 31, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

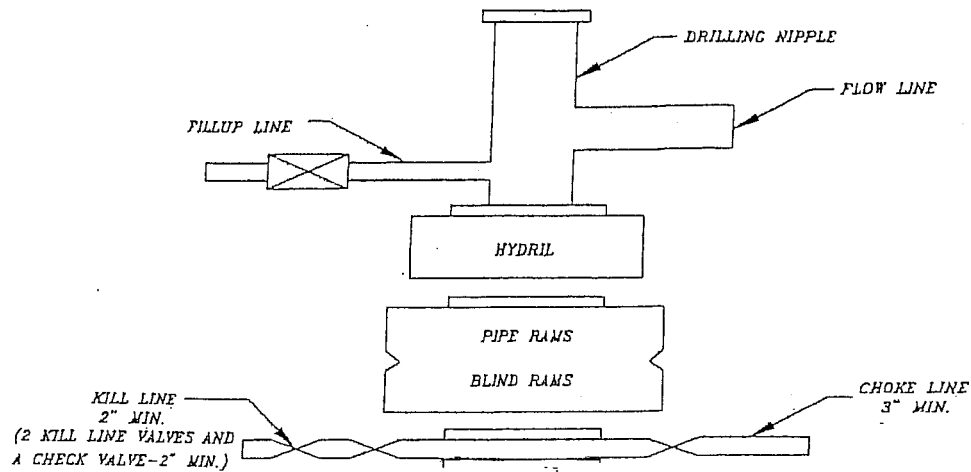
Federal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

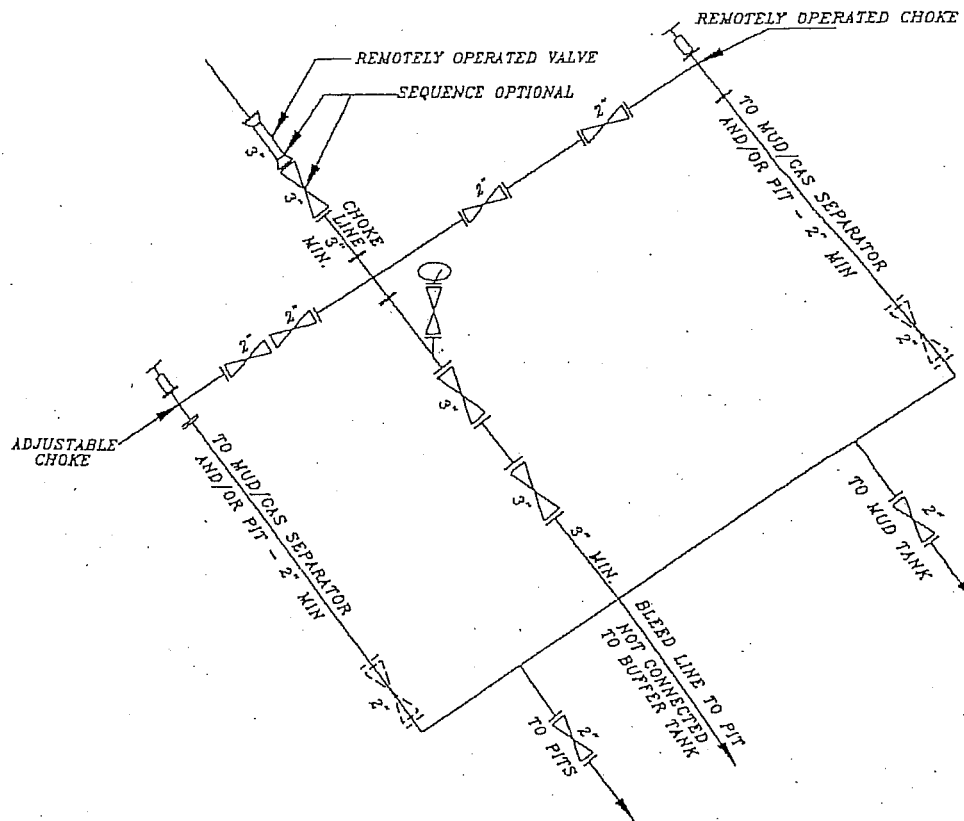
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



This drawing is to represent the new BOP layout with out the use of a drilling spool.



## 1. CASING PROGRAM NBU 127:

Hole Size	Casing Size	Weight	Grade	Joint	Depth Set	New/Used	Collapse	Burst	Tension
4-3/4"	3 1/2"	9.2	P-110	Ultra Flush Joint	6550'-9,800'	New	13530	13970	193400
4-3/4"	3 1/2"	9.2	P-110	EUE 8RD	Surf - 6550'	New	13530	13970	284900

Casing: 7" 29# HCP-110

a)  $\text{Burst} = 0.052 * \text{MW} * \text{TVD}(\text{shoe})$   
 $= 0.052 * 11.5 \text{ ppg} * 9800'$   
 $= 5860 \text{ psi}$   
 $\text{Safety Factor} = \text{Rating/Burst}$   
 $= 13970/5860$   
 $= 2.38$

b)  $\text{Collapse} = [0.052 * \text{MW} * \text{TVD}(\text{shoe})] - [\text{Gas Gradient} * \text{TVD}]$   
 $= [0.052 * 11.5 \text{ ppg} * 9800'] - [0.22 * 9800']$   
 $= 3704 \text{ psi}$   
 $\text{Safety Factor} = \text{Rating/Collapse}$   
 $= 13530/3704$   
 $= 3.65$

c) Ultra Flush Joint  
 $\text{Tension} = \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5 \text{ppg})]$   
 $= (9.2 * (9800' - 6550')) * [1 - 11.5/65.5]$   
 $= 24650 \text{ lbs.}$   
 $\text{Safety Factor} = \text{Rating/Tension}$   
 $= 193400/24650$   
 $= 7.8$

EUE

$\text{Tension} = \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5 \text{ppg})]$   
 $= (9.2 * 6550') * [1 - 11.5/65.5]$   
 $= 49680 \text{ lbs.}$   
 $\text{Safety Factor} = \text{Rating/Tension}$   
 $= 284900/49680$   
 $= 5.73$



Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0576
2. Name of Operator KERR MCGEE		6. If Indian, Alutian, or Tribe Name TRIBAL SURFACE
3a. Address 1999 Broadway, Suite 3700 Denver, CO 80202		7. If Unit or CA, Agreement Name and/or No. UNIT #89100800A NATURAL BUTTES UNIT
3b. Phone No. (include area code) 303-296-3600		8. Well Name and No. NBU 127
4. Location of Well (Parish, Sec., T., R., M., or Survey Description) SW NW 2285' 741' 21 T 9S R 21E Long. FNL FWL		9. API Well No. 43-047-31963
10. Field and Pool, or Exploratory Area NATURAL BUTTES		11. County or Parish, State UTAH UTAH

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Shut/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/DIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final disposition.)

KERR MCGEE REQUESTS A CHANGE IN THE CONNECTION ON THE 3 1/2" CASING THAT WILL BE RUN FROM 6550' TO 9800' FROM HYDRILL 511 TO ULTRA FLUSH JOINT. THE CASING WEIGHT AND GRADE WILL STAY THE SAME AT 9.2# P-110.

Michael Lee  
Petroleum Engineer

verbal approval  
originals mailed overnight

June 8, 2007

## CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct. Name (Printed Type)		Title
SCOTT TANNEHILL		DRILLING ENGINEER
Signature		Date
		6-Jun-07
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title in those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

(Instructions on page 2)

RECEIVED

JUN 26 2007

DIV. OF OIL, GAS &amp; MINING

Kerr McGee  
Change Plans  
Sundry – Notice of Intent

Well: NBU 127

Location: SWNW Sec. 09, T21S, R21E

Lease: UTU-0576

Field: Natural Buttes

**Conditions of Approval**

Sundry Notices and Reports on Wells

Type of Submission: Notice of Intent

Type of Action: Change Plans

APD Modification as described in NOI Sundry is granted with the following condition(s):

1. All other conditions of approval associated with the previously approved NOI Deepen must be adhered to.
2. Following completion operations, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, and any other surveys. This report must be filed within 30 days after the culmination of downhole recompletion operations.

If you have any other questions concerning this matter, please contact Michael Lee at (435) 781-4432.

noi coa Modification deepen TD change programs casing string liner : 2007-06-08  
ml

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0576
2. Name of Operator KERR MCGEE		6. If Indian, Allottee, or Tribe Name TRIBAL SURFACE
3a. Address 1999 Broadway, Suite 3700 Denver, CO 80202	3b. Phone No. (include area code) 303-296-3600	7. If Unit or CA. Agreement Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NW 2285' 741' 21 T 9S R 21E Long. FNL FWL		8. Well Name and No. NBU 127
		9. API Well No. 43-047-31963
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH UTAH

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
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KERR MCGEE REQUESTS A CHANGE IN THE CONNECTION ON THE 3 1/2" CASING THAT WILL BE RUN FROM 6550' TO 9800' FROM HYDRILL 511 TO ULTRA FLUSH JOINT. THE CASING WEIGHT AND GRADE WILL STAY THE SAME AT 9.2# P-110.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date: 7/10/07  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

RECEIVED

JUL 02 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/ Typed)

SCOTT TANNEHILL	Title DRILLING ENGINEER
[Signature]	Date 6-Jun-07

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	DATE SENT TO OPERATOR	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	2-11-07	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# 1. CASING PROGRAM NBU 127:

Hole Size	Casing Size	Weight	Grade	Joint	Depth Set	New/Used	Collapse	Burst	Tension
4-3/4"	3 1/2"	9.2	P-110	Ultra Flush Joint	6550'-9,800'	New	13530	13970	193400
4-3/4"	3 1/2"	9.2	P-110	EUE 8RD	Surf - 6550'	New	13530	13970	284900

Casing: 7" 29# HCP-110

$$\begin{aligned}
 \text{a) Burst} &= 0.052 * \text{MW} * \text{TVD}(\text{shoe}) \\
 &= 0.052 * 11.5 \text{ ppg} * 9800' \\
 &= 5860 \text{ psi} \\
 \text{Safety Factor} &= \text{Rating/Burst} \\
 &= 13970/5860 \\
 &= 2.38
 \end{aligned}$$

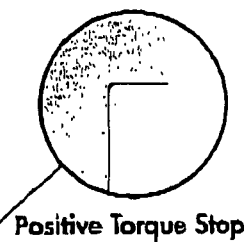
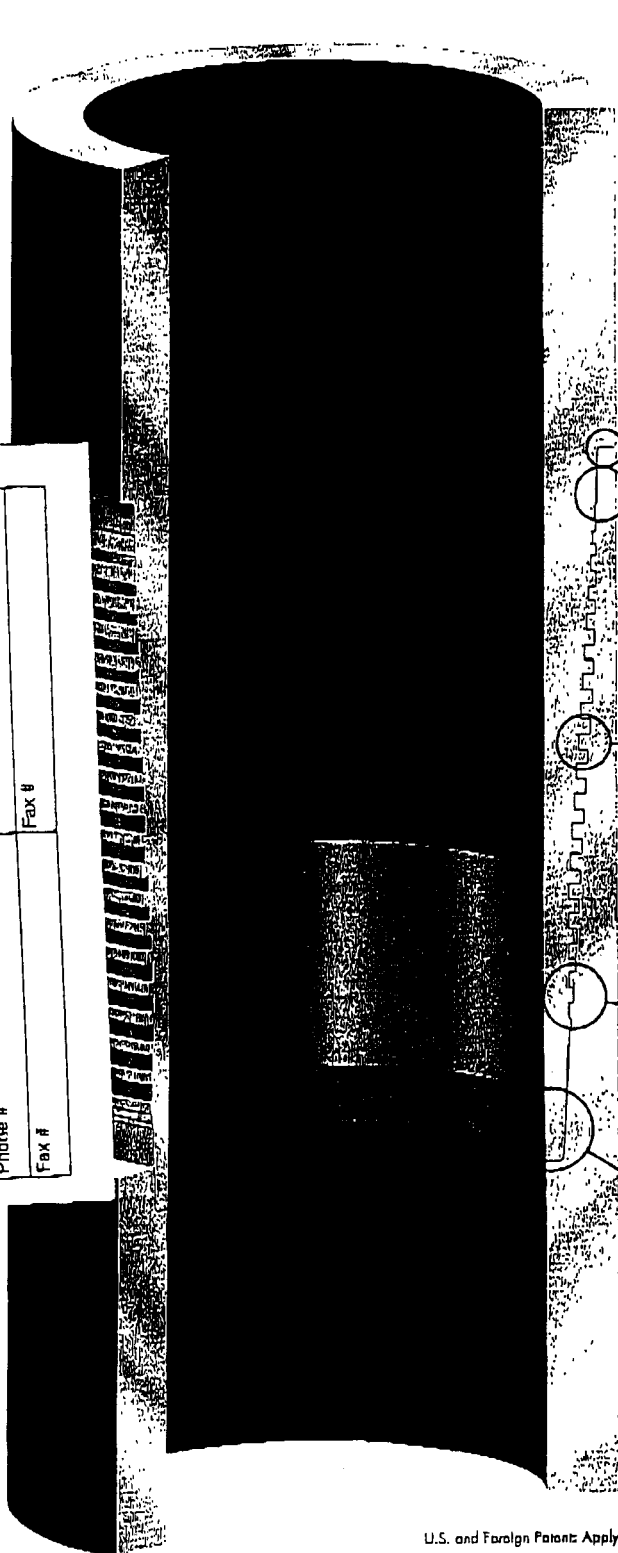
$$\begin{aligned}
 \text{b) Collapse} &= [0.052 * \text{MW} * \text{TVD}(\text{shoe})] - [\text{Gas Gradient} * \text{TVD}] \\
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 \text{Safety Factor} &= \text{Rating/Collapse} \\
 &= 13530/3704 \\
 &= 3.65
 \end{aligned}$$

$$\begin{aligned}
 \text{c) Ultra Flush Joint} \\
 \text{Tension} &= \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5\text{ppg})] \\
 &= (9.2 * (9800' - 6550')) * [1 - 11.5/65.5] \\
 &= 24650 \text{ lbs.} \\
 \text{Safety Factor} &= \text{Rating/Tension} \\
 &= 193400/24650 \\
 &= 7.8
 \end{aligned}$$

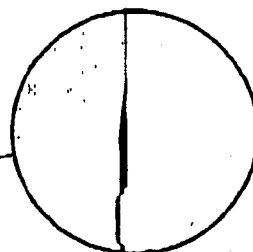
$$\begin{aligned}
 \text{EUE} \\
 \text{Tension} &= \text{Weight} * \text{TVD} * [1 - (\text{MW}/65.5\text{ppg})] \\
 &= (9.2 * (6550')) * [1 - 11.5/65.5] \\
 &= 49680 \text{ lbs.} \\
 \text{Safety Factor} &= \text{Rating/Tension} \\
 &= 284900/49680 \\
 &= 5.73
 \end{aligned}$$

# ULTRA-FJ™

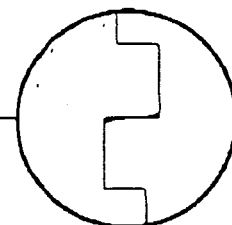
Post-it® Fax Note		7671	Date	# of pages
To	Co/Dept.	Phone #	Fax #	
From		Co.	Phone #	
Phone #		Fax #		



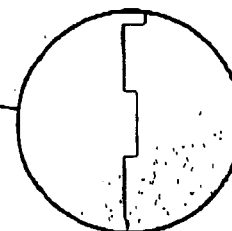
Positive Torque Stop



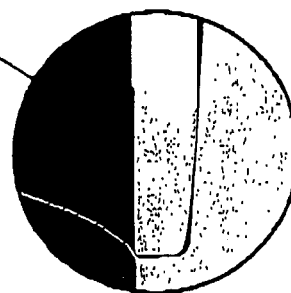
External Metal Seal



FullContact™ Threads



Run-In/Run-Out Threads

Sphere-and-Cone  
Internal Metal Seal

U.S. and Foreign Patents Apply

Available in sizes 2-3/8" through 13-5/8" O.D.

## What makes ULTRA-FJ™ the strongest flush-joint connection . . .

- ULTRA-FJ has the highest tensile efficiency of any true flush-joint casing connection
- ULTRA-FJ has compression efficiency equal to or greater than its tensile efficiency
- ULTRA-FJ pressure ratings exceed API minimum internal yield and collapse pressure

### Positive Torque Stop

- Exactly locates metal seals and threads
- Result: Reliability and connection performance*

### External Metal Seal

- Simple, reliable seal resists external pressure in excess of API Collapse Pressure
- Result: Pressure integrity*

### FullContact™ Threads

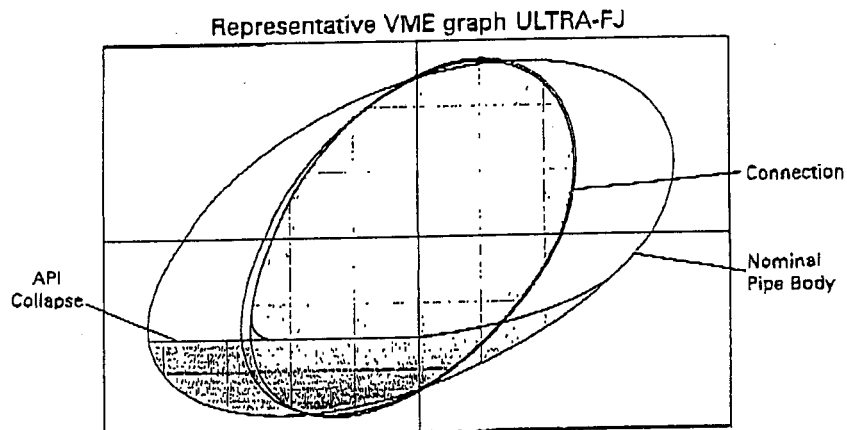
- Stab Flanks contact at full engagement to distribute compressive loading throughout threads
- Result: Compression efficiency*
- Reverse Angle Load Flank ("Hook Thread")
- Result: High tension and bending capacity*
- Patented Stab-Flank Chamfer
- Result: Deep, easy stabbing and quick, easy make-up*

### Run-in/Run-out Threads

- Complimentary Run-In/Run-out threads extend thread mating surfaces
- Result: Maximum critical section area*

### Sphere-and-Cone Internal Metal Seal

- Radial interference develops seal contact pressure
- Result: External factors (axial loads, temperature, dope, make-up torque) do not affect seal performance*
- Recommended Make-up Torque does not affect seal dimensions or contact pressure
- Result: Connection can be tripped multiple times*



For the ULTRA-FJ Flush-Joint Connection: *compressive* mechanical efficiency  $\geq$  *tensile* mechanical efficiency.

L-80			T-95			P-110			Q-125			Nom OD
Yield Load	Reference Depth	Parting Load	Yield Load	Reference Depth	Parting Load	Yield Load	Reference Depth	Parting Load	Yield Load	Reference Depth	Parting Load	
71,300	10,700	83,600	84,700	12,700	92,900	98,100	14,700	110,300	111,500	16,700	119,700	2 3/8
93,900	10,800	110,100	111,500	12,900	122,300	129,200	14,900	145,300	146,800	17,000	157,600	2 3/8
96,200	10,400	112,200	114,300	12,300	124,900	132,300	14,300	148,200	150,400	16,200	160,900	2 7/8
124,100	10,800	144,500	147,400	12,800	160,900	170,600	14,800	191,000	193,900	16,800	207,400	2 7/8
139,900	11,000	163,100	166,100	13,100	181,500	192,300	15,100	215,600	218,600	17,200	234,000	2 7/8
133,400	10,000	154,600	158,400	11,900	172,400	183,400	13,800	204,500	208,400	15,700	222,200	3 1/2
154,800	10,400	179,500	183,800	12,300	200,000	212,900	14,300	237,400	241,900	16,200	257,900	3 1/2
204,300	10,800	236,900	242,600	12,900	264,000	290,900	14,900	313,300	319,200	16,900	340,400	3 1/2
140,100	10,200	161,600	166,400	12,100	180,400	192,600	14,000	213,900	218,900	16,000	232,700	4
180,800	10,200	185,500	190,900	12,100	207,800	221,100	14,000	245,500	251,000	16,700	267,000	4
182,600	10,700	210,600	216,800	12,700	235,100	294,600	15,100	327,100	334,700	17,200	356,800	4
214,200	11,000	247,200	254,400	13,100	275,800	382,600	16,000	425,000	434,800	18,200	462,200	4
278,200	11,600	321,100	330,400	13,800	358,300	414,100	15,300	456,200	446,000	17,900	472,600	4 1/2
154,800	10,000	177,700	183,800	11,900	198,600	212,900	13,800	235,400	308,000	16,000	325,300	5
174,600	10,200	200,400	207,300	12,100	224,000	240,100	14,100	265,500	368,500	16,500	389,200	5
203,500	10,400	233,700	241,700	12,300	251,000	279,900	14,300	309,500	470,600	17,400	497,200	5
251,700	11,200	289,000	298,900	13,300	323,000	346,100	15,400	382,800	540,000	17,900	570,400	5
285,400	11,500	327,700	339,000	13,600	366,300	392,500	15,800	434,100	590,600	18,400	623,900	5
197,100	10,200	225,100	234,100	12,100	252,000	414,100	15,300	456,200	648,300	18,700	685,000	5
235,800	10,500	269,400	280,000	12,500	301,500	475,200	15,800	523,500	684,500	18,900	723,100	5 1/2
301,200	11,100	344,100	357,700	13,200	385,100	519,700	16,200	572,500	730,800	18,200	769,700	5 1/2
345,600	11,500	394,900	410,400	13,800	441,800	570,500	16,400	628,600	832,600	18,700	877,000	5 1/2
378,000	11,800	431,900	448,800	14,000	483,200	602,400	16,700	663,600	843,100	17,700	879,500	7
414,900	11,900	474,200	492,700	14,200	530,500	643,100	16,000	705,700	946,000	18,200	986,900	7
438,100	12,100	600,600	520,200	14,400	560,100	732,700	16,400	804,100	1,032,400	18,400	1,077,100	7
232,400	10,000	264,200	275,900	11,900	296,000	806,400	15,800	866,500	1,085,100	16,500	1,120,300	7 5/8
259,200	10,200	294,700	307,800	12,100	330,300	843,100	16,000	902,100	1,179,200	16,500	1,220,900	7 5/8
309,200	10,400	351,700	367,200	12,300	394,000	903,400	15,800	974,000	1,280,300	16,400	1,308,800	7 5/8
367,700	10,800	418,300	436,700	12,900	468,600	1,033,900	16,200	1,114,700	1,355,200	17,700	1,392,800	8 5/8
441,000	11,500	501,600	523,700	13,600	562,000	1,109,100	16,200	1,194,700	1,445,900	17,200	1,483,200	9 5/8
487,700	11,600	531,900	555,400	13,800	595,900	1,016,600	15,600	1,086,800	1,558,500	18,900	1,798,800	9 7/8
532,900	11,900	606,100	632,800	14,200	679,000	1,081,100	15,600	1,145,800	1,741,700	17,900	1,773,800	10 3/4
368,100	10,400	413,900	437,100	12,300	465,100	1,272,400	16,000	1,348,700	1,843,100	18,200	1,883,200	10 3/4
342,800	10,000	384,000	407,000	11,900	432,000	1,545,700	16,600	1,634,900	1,907,200	15,500	2,000,000	10 3/4
412,400	10,700	460,900	489,700	12,700	518,800	796,300	13,600	836,100	2,046,000	15,700	2,085,100	10 3/4
468,800	10,800	525,300	556,700	12,900	590,900	920,500	13,800	966,300	2,226,000	16,500	2,248,500	10 3/4
539,500	11,300	604,500	640,700	13,400	680,000	1,078,900	14,500	1,132,700	2,403,400	17,200	2,429,100	10 3/4
605,400	11,600	678,300	718,900	13,800	763,100	1,235,000	15,100	1,296,500	2,602,300	17,900	2,631,600	10 3/4
660,700	11,800	740,300	784,600	14,000	832,800	1,410,000	15,800	1,480,200	2,741,700	17,900	2,773,800	10 3/4
380,800	9,900	424,000	452,200	11,700	477,800	1,532,700	15,800	1,609,300	2,894,800	16,000	2,917,300	11 3/4
460,500	10,500	512,400	546,600	12,500	577,400	963,400	14,000	1,002,400	3,121,000	16,700	3,136,200	11 3/4
547,100	11,000	608,400	649,700	13,100	686,000	1,162,500	14,700	1,209,600	3,321,000	17,200	3,336,200	11 3/4
657,000	11,500	731,600	780,200	13,800	824,400	1,338,700	15,100	1,393,200	3,521,300	17,200	3,536,900	11 3/4
751,900	11,800	837,300	892,900	14,000	943,500	1,497,600	15,600	1,558,600	3,701,800	17,700	3,721,800	11 3/4
806,600	11,800	897,200	957,900	14,000	1,011,300	1,712,300	16,200	1,779,900	3,945,800	18,400	3,966,600	11 7/8
739,300	11,300	815,000	878,000	13,400	920,900	1,843,100	14,900	1,928,200	4,183,100	16,700	4,199,800	13 3/8
635,600	10,800	693,200	754,800	12,900	875,700	2,088,800	16,000	2,136,600	4,431,900	16,700	4,448,800	13 3/8
707,000	11,000	771,100	839,500	13,100	873,900	2,373,700	18,200	2,371,700	4,683,900	16,700	4,699,800	13 3/8
786,300	11,300	857,700	933,700	13,400	971,900	2,663,700	18,200	2,661,700	4,936,900	16,700	4,952,800	13 3/8
925,400	11,600	1,009,600	1,098,900	13,800	1,144,000	2,918,700	18,200	2,916,700	5,191,900	16,700	5,207,800	13 3/8
1,124,100	12,100	1,223,300	1,334,900	14,400	1,387,200	3,173,700	18,200	3,171,700	5,446,900	16,700	5,462,800	13 3/8
560,600	9,900	624,300	689,500	11,800	710,300	3,428,700	18,200	3,426,700	5,701,900	16,700	5,717,800	13 3/8
669,400	10,000	721,900	795,000	11,900	820,700	3,683,700	18,200	3,681,700	5,956,900	16,700	5,972,800	13 3/8
784,600	10,500	846,200	931,800	12,500	962,000	3,938,700	18,200	3,936,700	6,211,900	16,700	6,227,800	13 3/8
898,100	11,000	968,600	1,066,600	13,100	1,101,200	4,193,700	18,200	4,191,700	6,466,900	16,700	6,482,800	13 3/8
1,025,400	11,500	1,105,800	1,217,700	13,600	1,257,200	4,448,700	18,200	4,446,700	6,721,900	16,700	6,737,800	13 3/8
1,114,600	11,500	1,202,300	1,323,700	13,600	1,366,800	4,703,700	18,200	4,701,700	6,976,900	16,700	6,992,800	13 3/8
700,700	10,200	747,500	832,100	12,100	852,400	4,958,700	18,200	4,956,700	7,231,900	16,700	7,247,800	13 3/8
845,400	10,700	902,000	1,004,000	12,700	1,028,600	5,213,700	18,200	5,211,700	7,486,900	16,700	7,502,800	13 3/8
973,600	11,000	1,038,900	1,156,200	13,100	1,184,700	5,468,700	18,200	5,466,700	7,741,900	16,700	7,757,800	13 3/8
1,089,200	11,300	1,162,300	1,293,400	13,400	1,325,300	5,723,700	18,200	5,721,700	7,996,900	16,700	8,012,800	13 3/8
1,245,300	11,800	1,327,000	1,478,800	14,000	1,513,700	5,978,700	18,200	5,976,700	8,251,900	16,700	8,267,800	13 3/8
836,100	10,500	876,400	992,900	12,500	1,004,500	6,233,700	18,200	6,231,700	8,506,900	16,700	8,522,800	13 3/8
956,100	10,700	1,002,500	1,135,400	12,700	1,148,800	6,488,700	18,200	6,486,700	8,761,900	16,700	8,777,800	13 3/8
1,062,500	10,700	1,114,400	1,261,800	12,700	1,277,000	6,743,700	18,200	6,741,700	9,016,900	16,700	9,032,800	13 3/8
1,136,300	10,700	1,192,100	1,349,400	12,700	1,365,900	6,998,700	18,200	6,996,700	9,271,900	16,700	9,287,800	13 3/8
1,519,100	11,600	1,589,300	1,804,000	13,800	1,822,400	7,253,700	18,200	7,251,700	9,526,900	16,700	9,542,800	13 3/8

$$\text{Reference Depth} = \frac{\text{Connection Yield Load}}{(\text{PE Wt} / \text{Ft}) (1.5)}$$

Reference depth includes a 1.5 Design Factor and does not consider bending, temperature, buoyancy or other load considerations.

**ULTRA-FJ Product Summary: Pipe and Connection Data**

PIPE BODY						CONNECTION				J-55		
Nominal OD	Nominal Weight	PE Weight	Wall Thickness	Drift Dia	Average PBA	Bored ID	%Tensile Efficiency	%Comprsn Efficiency	Make-Up Loss	Yield Load	Reference Depth	Parting Load
2 3/8	4.60	4.43	0.190	1.901	1.311	1.986	68.0%	70.1%	3.330	49,000	7,300	65,300
2 3/8	5.80	5.75	0.254	1.773	1.702	1.858	69.0%	71.1%	4.083	64,600	7,400	86,000
2 7/8	6.40	6.16	0.217	2.347	1.822	2.434	66.0%	68.0%	3.579	66,100	7,100	87,500
2 7/8	7.80	7.66	0.276	2.229	2.286	2.316	69.0%	71.1%	3.316	85,300	7,400	112,600
2 7/8	8.60	8.44	0.308	2.165	2.498	2.252	70.0%	72.1%	3.809	96,100	7,500	127,300
3 1/2	9.20	8.81	0.254	2.887	2.604	2.981	64.0%	66.0%	3.604	91,700	6,900	120,300
3 1/2	10.20	9.91	0.289	2.797	2.931	2.911	66.0%	68.0%	4.114	106,400	7,100	139,600
3 1/2	12.70	12.52	0.375	2.625	3.702	2.739	69.0%	71.1%	3.683	140,400	7,400	184,300
4	9.50	9.11	0.226	3.423	2.684	3.539	65.0%	67.0%	3.433	98,300	7,000	125,400
4	10.70	10.46	0.262	3.351	3.093	3.467	65.0%	66.9%	3.766	110,500	7,000	143,900
4	11.80	11.34	0.286	3.303	3.355	3.419	68.0%	70.1%	3.447	125,500	7,300	163,400
4	13.20	12.93	0.330	3.215	3.826	3.331	70.0%	72.1%	3.980	147,300	7,500	191,800
4	16.10	15.89	0.415	3.045	4.700	3.161	74.0%	76.2%	4.459	191,300	8,000	249,200
4 1/2	10.50	10.23	0.224	3.927	3.025	4.045	64.0%	65.9%	3.423	106,400	6,900	137,600
4 1/2	11.60	11.35	0.250	3.875	3.356	3.993	65.0%	67.0%	3.727	120,000	7,000	155,100
4 1/2	13.50	13.04	0.290	3.795	3.856	3.913	66.0%	68.0%	4.179	139,900	7,100	180,900
4 1/2	15.10	14.98	0.337	3.701	4.431	3.819	71.0%	73.1%	3.706	173,000	7,600	223,700
4 1/2	16.60	16.52	0.375	3.625	4.886	3.743	73.0%	73.8%	4.126	196,200	7,900	253,800
5	13.00	12.83	0.253	4.369	3.793	4.489	65.0%	66.9%	4.219	135,500	7,000	173,900
5	15.00	14.87	0.296	4.283	4.398	4.403	67.0%	66.9%	3.534	162,100	7,200	208,100
5	16.00	17.93	0.362	4.151	5.303	4.271	71.0%	73.1%	3.892	207,000	7,600	265,800
5	20.30	20.01	0.408	4.059	5.916	4.179	73.0%	75.2%	4.421	237,600	7,900	305,000
5	21.40	21.30	0.437	4.001	6.299	4.121	75.0%	77.3%	4.827	259,800	8,100	333,600
5	23.20	23.08	0.478	3.919	6.828	4.039	76.0%	78.2%	4.580	285,200	8,200	366,300
5	24.10	24.03	0.500	3.875	7.108	3.995	77.0%	78.4%	4.744	301,200	8,300	386,700
5 1/2	15.50	15.35	0.275	4.825	4.538	4.947	64.0%	65.9%	3.762	159,700	6,900	203,600
5 1/2	17.00	16.87	0.304	4.767	4.989	4.889	65.0%	66.9%	4.102	178,200	7,000	227,100
5 1/2	20.00	19.81	0.361	4.653	5.859	4.775	66.0%	68.0%	3.809	212,600	7,100	271,100
5 1/2	23.00	22.54	0.415	4.545	6.665	4.667	69.0%	71.0%	4.126	252,800	7,400	322,400
5 1/2	26.00	25.54	0.476	4.423	7.554	4.545	73.0%	75.2%	4.813	303,200	7,900	386,600
5 1/2	26.80	26.70	0.500	4.375	7.897	4.497	74.0%	76.3%	4.464	321,500	8,000	410,000
5 1/2	29.70	29.64	0.562	4.251	8.767	4.373	76.0%	78.3%	5.040	366,300	8,200	467,200
6 5/8	24.00	23.58	0.362	5.796	6.974	5.923	66.0%	68.0%	3.899	253,000	7,100	317,200
7	23.00	22.63	0.317	6.241	6.690	6.369	64.0%	65.9%	4.284	235,600	6,900	293,700
7	26.00	25.66	0.362	6.151	7.589	6.279	66.0%	70.0%	4.064	283,500	7,300	352,200
7	29.00	28.72	0.408	6.059	8.494	6.187	69.0%	71.1%	4.138	322,300	7,400	401,900
7	32.00	31.67	0.453	6.000	9.367	6.103	72.0%	74.2%	4.659	370,900	7,800	462,500
7	35.00	34.58	0.498	5.879	10.227	6.007	74.0%	76.2%	5.273	416,200	8,000	519,000
7	38.00	37.26	0.540	5.795	11.019	5.923	75.0%	77.2%	4.983	454,200	8,100	566,500
7 5/8	26.40	25.56	0.328	6.844	7.558	6.975	63.0%	64.9%	4.165	261,800	6,800	323,300
7 5/8	29.70	29.04	0.375	6.750	8.586	6.881	67.0%	69.0%	4.022	316,400	7,200	390,800
7 5/8	33.70	33.04	0.430	6.640	9.771	6.771	70.0%	72.1%	4.237	376,100	7,500	463,400
7 5/8	39.00	38.05	0.500	6.500	11.252	6.631	73.0%	75.2%	4.574	451,700	7,900	558,000
7 5/8	42.80	42.39	0.562	6.376	12.538	6.507	75.0%	77.2%	5.186	516,900	8,100	638,600
7 3/4	46.10	45.47	0.595	6.500	13.447	6.579	75.0%	77.2%	5.389	554,500	8,100	684,000
8 5/8	44.00	43.39	0.500	7.500	12.830	7.635	72.0%	74.2%	5.068	508,300	7,800	618,400
9 5/8	40.00	38.94	0.395	8.679	11.513	8.842	69.0%	71.1%	4.717	437,000	7,400	523,200
9 5/8	43.50	42.69	0.435	8.625	12.625	8.768	70.0%	72.1%	4.609	486,000	7,500	582,000
9 5/8	47.00	46.14	0.472	8.525	13.644	8.698	72.0%	74.2%	5.085	540,500	7,800	647,300
9 5/8	53.50	52.85	0.545	8.500	15.629	8.567	74.0%	76.2%	4.934	636,200	8,000	762,000
9 7/8	62.80	61.74	0.625	8.500	18.259	8.640	77.0%	79.3%	5.793	772,800	8,300	922,100
10 3/4	40.50	38.88	0.350	9.894	11.494	10.062	63.0%	64.5%	4.487	399,100	6,800	467,600
10 3/4	45.50	44.22	0.400	9.875	13.074	9.978	64.0%	65.9%	5.155	460,200	6,900	541,600
10 3/4	51.00	49.50	0.450	9.694	14.637	9.862	67.0%	69.0%	5.027	539,400	7,200	634,900
10 3/4	55.50	54.21	0.495	9.604	16.031	9.772	70.0%	72.1%	4.984	617,500	7,500	726,700
10 3/4	60.70	59.40	0.545	9.504	17.565	9.672	73.0%	75.2%	4.911	705,000	7,900	828,500
10 3/4	65.70	64.53	0.595	9.500	19.083	9.591	73.0%	75.2%	5.404	786,300	7,900	902,200
11 3/4	47.00	45.60	0.375	10.844	13.470	11.016	65.0%	67.0%	4.979	481,700	7,000	557,600
11 3/4	54.00	52.62	0.435	10.724	15.543	10.896	66.0%	70.0%	5.050	581,200	7,300	672,900
11 3/4	60.00	58.81	0.489	10.625	17.390	10.790	70.0%	72.1%	5.197	669,300	7,500	775,100
11 3/4	65.00	63.97	0.534	10.625	18.915	10.718	72.0%	74.1%	5.640	748,800	7,800	867,200
11 7/8	71.60	70.19	0.582	10.625	20.757	10.741	75.0%	77.2%	6.354	856,100	8,100	988,400
13 3/8	54.50	52.74	0.380	12.459	15.593	12.637	67.0%	69.0%	4.286	574,800	7,200	647,800
13 3/8	61.00	59.50	0.430	12.359	17.578	12.537	68.0%	70.0%	4.199	657,300	7,300	740,600
13 3/8	68.00	66.10	0.480	12.259	19.546	12.437	68.0%	70.0%	4.628	730,500	7,300	823,700
13 3/8	72.00	70.60	0.514	12.250	20.878	12.361	68.0%	70.1%	4.882	781,200	7,300	881,200
13 5/8	88.20	86.78	0.625	12.250	25.659	12.405	74.0%	76.2%	5.642	1,044,400	8,000	1,173,000

The performance properties given in these tables are calculated per API 5C3. **Yield Load** is based upon minimum material values and average pipe body dimensions. **Parting Load** is based upon minimum ultimate strength of the material and the API Buttress formula. **Neither Minimum Yield or Parting Load include any Design or Safety Factor.**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NW SEC. 21, T9S, R21E 2285'FNL, 741'FWL

5. Lease Serial No.

UTU-0576

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 127

9. API Well No.

4304731963

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

ON 06/04/2007 THE OPERATOR PREPARED THE LOCATION TO BE DEEPEENED. THE OPERATOR WILL COMPLETE THE DEPEENING IN SPRING 2008.

THE OPERATOR REQUESTS AUTHORIZATION TO PLACE THE WELL LOCATIONON TEMPORARILY ABANDON STATUS.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

SEP 25 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Date

September 21, 2007

Approved by

THIS SPACE FOR FEDERAL

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Title

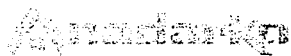
Office

Date

Federal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Anadarko Petroleum Corporation  
1368 S. 1200 East  
Vernal, UT 84078

## CHRONOLOGICAL WELL HISTORY

### **NBU 127**

SWNW, SEC. 21, T9S, R21E  
UINTAH COUNTY, UT

### **PREP FOR DEEPENING**

06/04/07

#### **MOVE IN**

Days On Completion: 1

Remarks: 8:00 AM MOVE RIG & EQUIPMENT TO LOCATION FROM ROOSEVELT. SPOT EQUIPMENT, RU CSG. HAD 600 PSI, TBG. 0 PSI, BLEED DOWN CSG, PUMP 50 BBLS. HOT WATER DOWN CSG, TRY TO UNSEAT PUMP, PUMP STUCK, JAR FOR 1 HOUR, PUMP CAME FREE. PUMP 20 BBLS HOT WATER DOWN TBG. PULL & LAY DOWN 248 3/4" RODS & PUMP. ND WELL HEAD, NU BOP'S. PUMP 50 BBLS. WATER W/BIOCIDE. PICK UP & RUN 20' TBG. START STACKING OUT, PICK UP & PIPE STUCK, WORK TBG. & ROTATE TO RIGHT, PIPE CAME FREE. LAY DOWN 1 JT.; PULL 1 STAND, CLOSE IN WELL FOR NITE.

06/05/07

#### **C/O SCALE**

Days On Completion: 2

Remarks: 7:00AM: HSM, NO PRESSURE ON WELL. PULL & TALLY 207 JTS, BREAK OUT A/C, SN, 4' PERFORATED SUB. MAKE UP 4 3/4" MILL ON 6 DRILL COLLARS & RUN IN HOLE ON TBG. , TAG UP @ 6490', RU POWER SWIVEL & FOAM UNIT. BREAK CIRCULATION IN 1 HOUR, CLEAN OUT SAND TO 6572', THEN ACTED LIKE CEMENT TO 6582', CIRCULATE HOLE CLEAN. HANG BACK POWER SWIVEL, PULL MILL TO 5000'. CLOSE IN WELL & SDFN. 6:30 PM

06/06/07

#### **WIRELINER**

Days On Completion: 3

Remarks: 7:00 AM HSM; TBG HAD 50 PSI, CSG. 75 PSI, BLEED OFF. FINISH PULLING TBG, STAND BACK DC'S & BREAK OUT MILL, MILL HAD CEMENT PLUG IN IT. MAKE UP WEATHERFORD 5 1/2" HD PKR. ON TBG. , RIH & SET PKR. @ 6442', FILL TBG. W/17 BBLS, FLUID LEVEL @ 4300', PRESSURE TEST TBG. & CSG. TO 1600 PSI FOR 10 MIN., OK. BLEED OFF, PUMP 40 BBLS. DOWN CSG. TO EQUALIZE, RELEASE PKR, PULL PKR. TO 5160' & SET, FILL CSG. W/70 BBLS, PRESSURE TEST TO 2500 PSI FOR 10 MIN., HELD OK, BLEED OFF, RELEASE PKR. & PULL TBG. & PKR, BREAK OUT PKR, RIG UP CASD HOLE SOLUTIONS. MAKE UP BAKER 5 1/2" CBP, RIH & SET @ 5250', POOH, MAKE UP BAKER 5 1/2" CR, RIH & SET @ 5110', POOH, RD CASD HOLE SOLUTIONS. MAKE UP CR STINGER ON TBG. & RIH, LATCH INTO CR @ 5110', HOOK UP LINES & FILL HOLE W7 BBLS. WATER, PRESSURE TEST TBG. TO 2500 PSI. HELD OK. GET INJECTION TEST OF 2 BPM @ 500 PSI, 2 1/2 BPM @ 850 PSI, CLOSE IN WELL & SDFN, 7:00 PM

06/07/07

#### **SQUEEZE PERFS**

Days On Completion: 4

Remarks: 7:00 AM: HSM, NO PRESSURE ON WELL. RU BIG 4 CEMENTING, FILL HOLE W/55 BBLS. , GET INJ. RATE OF 3 BPM @ 1300 PSI, MIX & PUMP 200 SX. CLASS G CEMENT W/.3% CFI 115, DISPLACE INTO FORMATION. PRESSURE GRADUALLY INCREASED TO 2100 PSI. UNSTING FROM CR, PULL 50', REVERSE OUT, GOT TRACE OF CEMENT BACK. PULL TBG, BREAK OUT CR STINGER, MAKE UP 4 3/4 BIT ON 6 DC'S &

RUN IN HOLE TO 4990'. HOOK UP LINES & REVERSE CIRC. FOR 30 MIN., CLOSE IN WELL & SD WOC.

06/08/07

**DRILL CMT**

Days On Completion: 5

Remarks: 7:00 AM: HSM, NO PRESSURE ON WELL, RAN BIT TO 5092', PU POWER SWIVEL, HOOK UP PUMP LINES. BREAK CIRCULATION, DRILL OUT 18' CEMENT TO CICR, VERY HARD CEMENT. START DRILLING ON CICR @ 8:20AM, DRILL ON CICR @ 5110' TILL 5:00PM, FELL THRU. DRILL VERY HARD CEMENT TO 5131'. TOOK 4 MIN. /FT., CIRC. HOLE CLEAN. PRESSURE TEST TO 1,000 PSI, HELD OK. BLEED OFF PRESSURE, CLOSE IN WELL, SDFN. 7:00 PM

06/11/07

**SQUEEZE PERFS**

Days On Completion: 8

Remarks: 7:00 AM, (DAY#6) HELD JSA ON POWER SWIVEL. SICP 0# SITP 0#. OPEN WELL; ESTABLISH CIRC W/ 2% KCL WTR. C/O CEMENT FROM 5,131' TO 5,179' GOOD CEMENT. FELL FREE FOR 10'. TAG GOOD CEMENT @ 5,189' FINISH C/O TO 5,240' CIRC HOLE CLEAN. TRY TO PESSURE TEST SQUEEZE, PRESSURE UP TO 1350# PMPD INTO PERF'S @ 5,200' TO 5,236' @ 1.6 BBL'S PER MIN. FINISH CIRC HOLE CLEAN.( CALL BIG 4 CEMETER'S.) POOH W/ TOOL'S. RIH OPEN ENDED TO 5240'.SPOT 10 BBL'S GLASS G CEMENT, POOH TO 4555' REVERSE CIR TBG 1 1/2 TIMES.PMP'D 2 1/2 BBL'S CEMENT INTO PERF'S, PRESSURE UP TO 3000#. PRESSURE HELD FOR 30 MIN'S (DID NOT LOSE 1# IN 30 MIN'S.)4:00 PM, SWI SDFN. WTR USED FOR THE DAY 100 BBL'S FRESH AND 50 BBL'S 2% KCL WTR. TOTAL 150 BBL'S. WTR RECOVERED FOR THE DAY 80 BBL'S. WTR LEFT TO RECOVER 70 BBL'S.

06/12/07

**DRILL OUT CEMENT**

Days On Completion: 9

Remarks: 7:00 AM, (DAY#7) HELD JSA. SICP 2750# SITP 2700#. LOST 260# OVER NIGHT. BLED OFF PRESSURE POOH W/ 4500' TBG. PU 4 3/4" PVC BIT W/ 6 - 3 1/8" DRILL COLLARS. RIH TAG CEMENT TOP @ 4,872'. (367' CEMENT TO DRILL OUT.) PU SWIVEL ESTABLISH CIRC W/ 2% KCL WTR. C/O 300' CEMENT TO 5,171'. (HAVE 29'LEFT ONTOP OF PERF'S @ 5200' TO 5236'.) CIRC WELL CLEAN, PULL ABOVE PERF'S. EOT @ 5,143'. 5:00 PM, SWI SDFN. FINISH C/O CEMENT AND TEST IN AM.

6/14/07

**SQUEEZE PERFS**

Remarks: 7:00 AM, (DAY#9) HELD JSA. SITP 0#, SICP 0#. RU BACKER'S MANIFOLD AND BIG 4 CEMENTER'S. PT LINES TO 3000# (OPEN TBG NO PRESSUER.) PUT 700# ON CSG AND PMP'D 16 BBL'S DN TBG FOR INJECTION TEST @ 2.2 BPM @ 1400#. PMP'D 150 SXS NET AND 50 SXS W/ CFL - 115. (TOTAL OF 200 SXS.) W/ 7 BBL'S LEFT IN TBG START STG CEMENT. AFTER 3 TIME'S STG CEMENT, W/ 4 BBL'S LEFT IN TBG WELL LOCK UP TO 2240# (LOST 10# PER MIN.) PULL OUT OF CICR @ 5756' AND REVERSE CIRC TBG 2 TIME'S. POOH W/ STINGER. PU NEW 4 3/4" ROCK BIT AND 6 - 3 1/8" DRILL COLLER'S RIH, EOT @ 5450'.3:00 PM, SWI, SDFN. (WTR USED FOR THE DAY 130 BBL'FRESH FOR CEMENT JOB.)

6/15/07

**C/O CICR & CEMENT**

Remarks: 7:00 AM, (DAY#10) HELD JSA ON DRIVING TO WORK. NO PRESSURE ON WELL. FINISH RIH W/ 4 3/4" BIT. TAG CEMENT @ 5747.5', 8.5' CEMENT ON TOP OF CICR @ 5756'. PU SWIVEL ESTABLISH CIRC W/ 2% KCL WTR. C/O 8.5' CEMENT. START DRILLING ON CICR @ 8:00 AM. FINISH C/O 5 1/2" CICR @ 2:30 PM, (6 1/2 HR'S). START DRILLING OUT CEMENT. C/O 173' OF GOOD CEMENT TO 5929'. (BTM PERF @ 5926'.) CIRC WELL CLEAN. TRY TO TEST WELL TO 2500# LOST 400# IN 3 MIN'S. BLED OFF PRESSURE. POOH ABOVE PERF'S EOT @ 5875'. 7:30 PM, SWI, SDFW. FINISH C/O CMT AND CBP (6/18/2007.)

06/18/07

**DRILL CMT**

Days On Completion: 15

Remarks: 7:00 AM HSM, PRESSURE TEST SQWEEZE, HELD OK, RUN BIT TO 5922', HIT FILL, RU PS CLEAN OUT FILL TO 5930', RETEST TO 2500 PSI, LOST 300 # IN 3 MIN., LEAK IN BOTTOM 4' OF PERFS. DRILL OUT CBP @ 5934' & PUSH TO 6542, 131' BELOW PERF @ 6411. HOOK UP LINES, FILL HOLE W/20 BBLS. GET INJECTION TEST OF 3 BPM @ 1400 PSI, PULL TBG, STAND BACK DC'S, & BREAK OUT BIT. RU CASED HOLE SOLUTIONS, RUN & SET CICR @ 6311', RD CHS. MAKE UP STINGER FOR CICR ON TBG. & RUN IN HOLE. STING INTO CICR, FILL TBG. W/ 5 BBLS. PRESSURE TEST TBG. & LINES TO 3000 PSI, HELD OK, GET INJ. TEST ON PERF @ 6411' OF 1/2 BPM @ 2400 PSI, BLED OFF TO 800 PSI IN 5 MIN. BLEED OFF PRESSURE. PUMP DOWN CSG., FILL W/ 18 1/2 BBLS. GET INJ. TEST OF 3 BPM @ 1500 PSI. MIX & PUMP 25 SX. CLASS G W/ .2% CFL 115. SPOT CEMENT TO WITHIN 3 BBLS. OF CICR. STING IN & DISPLACE 1 BBL. INTO FORMATION, LOCKED UP @ 2550 PSI. , NO BLEED OFF IN 2 MIN., UNSTING, REVERSE OUT 3 BBLS. PULL STINGER TO 6192', MIX & PUMP BALANCED 225 SX. CLASS G CEMENT PLUG W/ .2% CFL 115. SPOT CEMENT ON BOTTOM, UNHOOK LINES, PULL 35 STANDS IN DERRICK. REVERSE OUT, GOT BACK TRACE OF CEMENT, HOOK UP LINES, PRESSURE UP ON CEMENT. PUMPED 3 BBLS. CEMENT LOCKED UP, PRESSURED UP TO 2800 PSI. , BLED OFF & REPRESSURED 3 TIMES. WOULD NOT MOVE. RD BIG 4 CEMENTERS, PULL 15 STANDS. CLOSE IN FOR NIGHT.

06/19/07

**DRILL CMT**

Days On Completion: 16

Remarks: 7:00AM: HSM, 0 PRESSURE ON WELL, FINISH PULLING TBG. BREAK OUT STINGER, MAKE UP PDC BIT ON DC'S. RUN IN HOLE TO 4723', TAG CEMENT. RU PS & PUMP LINES, BREAK CIRCULATION. DRILL OUT CEMENT FROM 4723' TO 5239', GETTING ABOUT 90'/HR. CIRCULATE HOLE CLEAN, PULL BIT TO 5202' CLOSE IN WELL & SDFN.

06/20/07

**DRILL CMT**

Days On Completion: 17

Remarks: 7:00 AM HSM, 0 PRESSURE ON WELL, BREAK CIRCULATION, START DRILLING @ 5238', CLEAN OUT 732' TO 5970', CIRC. CLEAN, PRESSURE TEST PERFS 5200'-5926' TO 1600PSI, HELD OK. RESUME DRILLING, CLEAN OUT HARD CEMENT TO 6064', CIRCULATE HOLE CLEAN, PULL BIT TO 6033', CLOSE IN WELL & SDFN. 6:00PM

06/21/07

**DRILL CMT RET & CMT**

Days On Completion: 18

Remarks: 7:00 AM HSM, 0 PRESSURE ON WELL, BREAK CIRCULATION, START DRILLING @ 6064', FELL OUT OF CEMENT @ 6192', RAN BIT TO CR @ 6311', CIRCULATE HOLE CLEAN, PRESSURE TEST TO 1600 PSI, LOST 325# IN 10 MIN., HANG BACK PS, PULL & SINGLE DOWN 65 JTS., STAND BACK REMAINDER, BREAK OUT PDC BIT, MAKE UP 4 3/4" ROCK BIT ON DC'S & RUN IN HOLE TO CR @ 6311', PU PS BREAK CIRC., START DRILLING ON CR @ 1:25PM., DRILL ON CR TILL 5:45 PM DRILLING ON BOTTOM SLIPS, DRILLED 4 1/4 HRS., CIRCULATE HOLE CLEAN. SDFN

06/22/07

**C/O CMT**

Days On Completion: 19

Remarks: 7:00 AM HSM, 0 PRESSURE ON WELL, BREAK CIRCULATION, DRILL ON CICR FOR 45 MIN., STARTED MOVING, CLEAN OUT CEMENT TO 6380', CIRC CLEAN. PRESSURE TEST TO 1600 PSI, LOST 450# IN 5 MIN. FINISH CLEANING OUT CEMENT, FELL OUT OF CEMENT @ 6414', RAN BIT TO 6443', CIRC. CLEAN. PRESSURE TEST TO 1600 PSI, LOST 450 # IN 5 MIN., RUN BIT IN HOLE , TAG CBP REMAINS @ 6551', DRILL UP CBP'S , CLEAN OUT FLOAT COLLAR & CEMENT TO SHOE @ 6630', DRILL OUT SHOE & 5' TO 6635', CIIRCULATE HOLE CLEAN. RACK OUT POWER SWIVEL. PULL & SINGLE DOWN 208 JTS. TBG, 6 DRILL COLLARS, BREAK OUT BIT. CLOSE IN WELL. GET READY TO RIG DOWN. SDFN 5:00 PM

06/25/07

**FINAL REPORT**

Days On Completion: 22

Remarks: 7:00 AM HSM, NO PRESSURE ON WELL, RU CASED HOLE SOLUTIONS, RUN & SET CBP @ 5,000', POH, RIG CASED HOLE SOLUTIONS DOWN. FLUID LEVEL WAS @ 800', ND BOP'S, NU WELL HEAD. RACK OUT EQUIPMENT, RD MOVE. 10:00AM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-0576

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A  
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 127

9. API Well No.

4304731963

10. Field and Pool, or Exploratory Area

NATURAL BUTTES UNIT

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NW SEC. 21, T9S, R21E 2285'FNL, 741'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DOGM APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	EXTENSION
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION TO BE GRANTED FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING MAY BE COMPLETED, THE SUBJECT WELL LOCATION WAS APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING DEPARTMENT ON JANUARY 31, 2007.

**COPY SENT TO OPERATOR**

Date: 3-26-2008

Initials: KS

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 03-25-2008

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

March 25, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

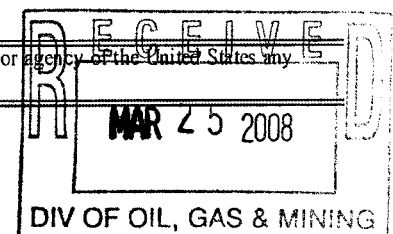
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)





**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304731963  
**Well Name:** NBU 127  
**Location:** SW/NW SEC. 21, T9S, R21E  
**Company Permit Issued to:** KERR McGEE OIL & GAS ONSHORE LP  
**Date Original Permit Issued:** 1/31/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

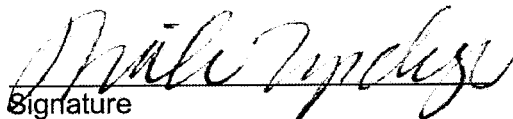
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

3/25/2008

Date

**Title:** SENOIR LAND ADMIN SPECIALIST

**Representing:** KERR-McGEE OIL & GAS ONSHORE LP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW/NW SEC. 21, T9S, R21E 2285'FNL, 741'FWL**

5. Lease Serial No.

**UTU-0576**

6. If Indian, Allottee or Tribe Name

**TRIBAL SURFACE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 127**

9. API Well No.

**4304731963**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES UNIT**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL LOCATION. THE WELL LOCATION HAS BEEN PLACED ON TEMPORARILY ABANDON STATUS.

PLEASE REFER TO THE ATTACHED PLUG AND ABANDON PROCEDURE.

**COPY SENT TO OPERATOR**

Date: **5.20.2008**

Initials: **KS**

**RECEIVED**

**APR 15 2008**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**April 7, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

Approved by

**For Sarah MacDonald for Dustin Dacret**

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

DATE: **May 7, 2008**

BY: **HFM for DKD**

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## ***CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL***

Well Name and Number: NBU 127  
API Number: 43-047-31963  
Operator: Kerr-McGee  
Reference Document: Sundry Notice dated April 7, 2008,  
received by DOGM on April 15,  
2008. Accepted May 7, 2008

### Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
3. Set plug across Parachute Creek Mbr/Mahogany Bench to isolate Oil Shale Zone as per Well Spacing Order 190-5(B) of the Utah Board of Oil, Gas and Mining. 200' plug from 3050' to 2850' DCD
4. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
5. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Helen Sadik-Macdonald for Dustin K. Doucet,  
Petroleum Engineer

May 7, 2008

Date

**NBU 127**  
**2285' FNL & 741' FWL**  
**SWNW – Sec. 21 – T9S – R21E**  
**Uintah County, UT**

<b>KBE:</b>	4848'	<b>API NUMBER:</b>	43-047-31963
<b>GLE:</b>	4837'	<b>LEASE NUMBER:</b>	UTU-0576
<b>TD:</b>	6625'	<b>WI:</b>	100.0000%
<b>PBTD:</b>	6568'	<b>NRI:</b>	83.202950%
		<b>ORRI:</b>	9.547750%

**CASING:** 12.25" hole  
8.625" 24# K-55 @ 264'  
Cemented with 150 sx Premium; circulated 6 BC to surface. TOC @ surface by circulation

7.875" hole  
5.5" 17# J-55 @ 6623'  
Cemented with 425 sx HiFill lead and 600 sx 50-50 Pozmix tail. Circulated 104 sx cement to surface, TOC @ 40' by CBL.

**TUBING:** No tubing in hole

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
5.5" 17# J/K-55 csg.	4.892	4910	5320	0.9764	0.1305	0.02324
<b>Annular Capacities</b>						
2.375" tbg. X 5.5" 17# csg.				0.7462	0.0997	0.01776
5.5" csg. X 8.625" 24# csg.				1.4406	0.1926	0.0343

#### **GEOLOGIC INFORMATION:**

<b>Formation</b>	<b>Depth to top, ft.</b>
Uinta	Surface
Green River	1606'
Wasatch	4980'

#### **Tech. Pub. #92 Base of USDW's**

USDW Elevation	~4000' MSL
USDW Depth	~848' KBE

**PERFORATIONS:**

Formation	Date	Top	Bottom	SPF	Status
Wasatch	10/29/1996	5200	5205	2	Open
Wasatch	10/29/1996	5212	5214	2	Open
Wasatch	10/29/1996	5230	5236	2	Open
Wasatch	10/25/1996	5885	5892	2	Open
Wasatch	10/25/1996	5906	5912	2	Open
Wasatch	10/25/1996	5914	5926	2	Open
Wasatch	3/30/1992	6129		1	Open
Wasatch	3/30/1992	6134		1	Open
Wasatch	3/30/1992	6142		1	Open
Wasatch	3/30/1992	6148		1	Open
Wasatch	3/30/1992	6156		1	Open
Wasatch	3/30/1992	6160		1	Open
Wasatch	3/30/1992	6165		1	Open
Wasatch	3/30/1992	6411		1	Open

**WELL HISTORY:****Completion – March 1992**

- Perforated the gross Wasatch interval 6129' through 6411'.
- Spotted 15% HCl across perforations, landed tubing at 6086', and broke down with 1500 gal 15% HCl and ball sealers.
- Tested 280 MCFD, 0 BCPD, 0 BWPD, 100 psi FTP, 20/64<sup>th</sup> choke on 3/30/1992.
- Shut in WOPL.

**Workover #1 – August 1992**

- Fracture with 131400 gal 30% CO2 foam containing 242000# 20/40 mesh sand.
- Tested 400 MCFD, 0 BCPD, 0 BWPD, 200 psi FTP, 450 psi SICP, 18/64<sup>th</sup> choke on 8/20/1992.

**Workover #2 – September 1992**

- Cleaned out to 6455' with coiled tubing.
- RTP.

**Workover #3 – October 1996**

- Spotted sand plug from PBTD to 6065'.
- Perforated the gross Wasatch interval 5885' through 5926'.
- Ran packer to 5864, set and broke down with 500 gal 15% HCl. Swabbed and kicked off at ~180 MCFD. Pulled packer and fractured with 18000 gal gel containing 65000# 20/40 sand.
- Perforated the gross Wasatch interval 5200' through 5236', set frac plug at 5240' and fractured with 15750 gal gel containing 59000# 20/40 sand.
- Cleaned out well to 6004', LD mill, landed tubing at 5928', installed PLE and RTP.
- Tested 300 MCFD, 0 BCPD, 12 BWPD, 290 psi FTP, 450 psi SICP, 45/64<sup>th</sup> choke on 11/12/1996.

**Workover #4 – August 1997**

- Cleaned out from 5982' to 6550'.
- LD bit, land at 6396' and RTP.

**Workover #5 – November 1997**

- Installed rod pumping equipment, see file.
- **Note** – Well file incomplete. There is no tally of the tubing and rod equipment in the well file nor the March 1998 pump change indicated in chronologies.
- Based on dynamometer report in file, appears that EOT is at ~6364' with the TAC at ~5884'.

**Workover #6 – June 2007**

- Squeezed all perms, clean out to 6443'. Set CBP @ 5000'. In preparation for deepening. No tbg in hole.

## **NBU 127 P&A PROCEDURE**

### **GENERAL**

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- NOTIFY THE BLM AT 435-781-4400 24 HOURS BEFORE MOVING ON LOCATION.

### **P&A PROCEDURE**

**NOTE: ALL PERFS SQUEEZED ON 6/14/07, CBP SET @ 5000', NO TBG IN HOLE**

1. MIRU. KILL WELL AS NEEDED. PU TBG, RIH TO D/O CBP @ 5000'. CONT IN HOLE TO TAG FILL. CLEANOUT FOR GYRO SURVEY.
2. RUN GYRO SURVEY.
3. **PLUG #1, ISOLATE WASATCH PERFS (5200'- 6411'), COVER WASATCH TOP (4980'):** RIH W/ TBG SET 5 1/2" CIBP, SET @ ~5190'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE 36 SX CMT (40.46 CUFT) AND BALANCE PLUG W/ TOC @ ~4880' (310' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
4. **PLUG #2, GREEN RIVER TOP (1606'):** PUH TO ~1706'. BRK CIRC W/ FRESH WATER. DISPLACE 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~1506' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
5. **PLUG #3, BASE OF USDW'S (~848'):** PUH TO ~948'. BRK CIRC W/ FRESH WATER. DISPLACE 23 SX (26.10 CUFT.) AND BALANCE PLUG W/ TOC @ ~748' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
6. **PLUG #4, SURFACE CSG SHOE (255') & SURFACE HOLE:** PUH TO ~315'. BRK CIRC W/ FRESH WATER. DISPLACE 36 SX CMT (41.11 CUFT.) TO SURFACE. PUMP TOP JOB DOWN 8 5/8" X 5 1/2" CSG ANNULUS TO TOC @ 40'. PUMP SUFFICIENT QUANTITY TO FILL CSG ANNULUS FROM TOC TO SURFACE.
7. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
8. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM 3/27/2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW/NW SEC. 21, T9S, R21E 2285'FNL, 741'FWL**

5. Lease Serial No.

**UTU-0576**

6. If Indian, Allottee or Tribe Name

**TRIBAL SURFACE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 127**

9. API Well No.

**4304731963**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES UNIT**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU ON 08/31/20008. NNDWH, NUBOP RU WIRELINE RUN GAUGE RING TO 4950' RUN GYRO SURVEY TO 4950' RD WIRELINE TIH AND TAG AT 4950'. LOAD HOLE WITH 40 BLS 9 LB FLUID WITH CORROSION INHIBITOR PRESSURE TEST CASING HELD. MIX & PUMP 20 SX CLASS G CMT TOH TO 1710'. MIX & PMP 55 SX CMT. TOH NDBOP TIH TO 305' MIX & PMP 30 SX CMT TO SURFACE. CUT OFF WELL HEAD TOP OFF WITH 20 SX WELD ON PLATE BACKFILL 125 SX TOTAL NO CIBP OR CICR USED. ALL CHANGES TO PROCEDUREA APPROVED BY RANDY BYWATER, VERNAL BLM REPRESENTATIVE.

GPS COORDINATES: LAT: 40° 01' 21' N LONG: 109° 33' 49'W

**THE SUBJECT WELL LOCATION WAS PLUG AND ABANDON ON 09/02/2008.**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**REGULATORY ANALYST**

Signature

Date

**September 4, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

(Instructions on reverse)

**SEP 09 2008**

**DIV. OF OIL, GAS & MINING**